

Outbound APIs

Last updated by | Brennan Carter | Apr 20, 2026 at 3:09 PM CDT

Postman Example

To connect to the Pereview Client API's with Postman you will need to do the following

1. Make sure that you have your provided "APIKEY".
2. Make sure that you set the Content-Type to "application/json".
3. Make sure that your user is in a group with the CanPullDataByAPI and CanPushDataByAPI permissions.
4. When setting the call up, make sure to set the appropriate method and search json in the body (varies per method).

URL

Base API URL in US: <https://api.pereviewsoftware.com>

Base API URL in Europe: <https://api-eu.pereviewsoftware.com>

Web Request Path: /api/client/get/**asset**

Full URL: <https://api.pereviewsoftware.com/api/client/get/asset>

Authorization

Type = Basic Auth

Username = Pereview User Email Address with API Permissions

Password = Pereview User Password with API Permissions

The screenshot shows the Postman interface for a GET request. The URL bar contains `{{api_url}}/api/client/get/asset`. The 'Authorization' tab is selected, showing 'Basic Auth' as the type. The 'Username' field contains `{{auth_UserName}}` and the 'Password' field is masked with dots. A 'Show Password' checkbox is visible below the password field. The interface also shows tabs for Params, Headers (12), Body, Pre-request Script, Tests, and Settings.

User Permissions

As of 2/2024, every API has a distinct permission for further security. On top of the already required Permissions. The new permissions are as follows:

1. 'CanViewAccountingAPIData', can be used on all items in the Postman Accounting folder
2. 'CanViewAcquisitionAPIData', can be used on all items in the Postman Acquisitions folder
3. 'CanViewAssetAPIData', can be used on all items in the Postman Assets folder
4. 'CanViewConfigurationAPIData', can be used on all items in the Postman Configuration folder
5. 'CanViewDispositionAPIData', can be used on all items in the Postman Dispositions folder
6. 'CanViewLeaseAPIData', can be used on all items in the Postman Leases folder
7. 'CanViewLoanAPIData', can be used on all items in the Postman Loans folder

8. 'CanViewModelAPIData', can be used on all items in the Postman Models folder
9. 'CanViewOwnershipAPIData', can be used on all items in the Postman Ownership folder
10. 'CanViewUserAPIData', can be used on all items in the Postman Users and Groups folder
11. 'CanViewWorkflowAPIData', can be used on all items in the Postman Workflows folder

Headers

Content-Type = application/json

"x-api-key" = Your client/environment specific "APIKEY"

"From" = Email address of the user initiating the action (in case not the logged in user)

GET ▼ `{{api_url}}/api/client/get/asset`

Params Authorization ● Headers (12) Body ● Pre-request Script ● Tests ● Settings

Headers 9 hidden

	KEY	VALUE
<input checked="" type="checkbox"/>	Content-Type	application/json
<input checked="" type="checkbox"/>	x-api-key	{{api_key}}
<input checked="" type="checkbox"/>	From	{{from_Email}}
	Key	Value

Body

Set to raw and enter {"Ids":[]} for all results or specify AssetKeys like {"Ids":[1,3]}

GET ▼ `{{base_url}}/api/client/get/asset/`

Params Authorization ● Headers (10) Body ● Pre-request Script ● Tests ● Settings

☐ none
 ☐ form-data
 ☐ x-www-form-urlencoded
 ☒ raw
 ☐ binary
 ☐ GraphQL
 JSON ▼

```
1 {"AssetKeys":[1]}
```

Results

```
[ { "PortfolioKey": 14, "AssetKey": 1, "AssetID": 1, "TotalArea": 1200000.00, "TotalNumberOfUnits": null, "AcquisitionID": 111, "SiteArea": null, "AssetIRR": 0.082475, "OfficeName": "Austin", "MSADescription": "San Francisco-Oakland-Fremont, CA MSA", "PostalCode": "94111", "FundName": "Pereview II", "PortfolioName": "101 California Street", "AssetStatus": "Operating", "InvestmentStrategyDescription": "Value-Add", "InvestmentStructureTypeDescription": "Joint Venture", "SubMarketName": null, "YearBuilt": "1983", "PropertyAddress": "101 California Street", "StateProvinceAbbreviation": "GY", "CityName": "San Francisco", "AcquisitionName": "101 California Street", "DominantSubAssetTypeDescription": "REO", "DominantPropertyTypeDescription": "Office", "AssetName": "1 101 California Street" } ]
```

Account

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/account/	<pre>{ "AccountKeys": [{ "AccountKey": 1, "AccountKey": 2 }], "AccountCodes": [{ "AccountCode": "1", "AccountCode": "2" }], "LastUpdateDate": "2022-01-11" }</pre>	vwAccount	The general ledger chart of accounts.	CanViewAccountingAPI CanPullDataByAPI

Example

Body: {

```
"AccountKeys": [],
"AccountCodes": [],
"LastUpdateDate": "2022-01-11"
}
```

Result:

```
[ { "AccountKey": 2677, "AccountCode": "52080020", "AccountDescription": "Food Court Fees - Current Year", "DescriptionCode": null, "LastUpdateDate": "2022-01-11T17:27:02.837Z", "IsRollForward": false, "IsBalance": true, "IsIncludeInCashFlow": null, "IsPrepayHold": null, "IsLateFeePayable": null, "IsDeposit": null, "IsCash": null, "IsDebit": null, "IsActive": true, "AccountingSoftwareName": null, "AccountTypeName": "Income" } ]
```

Return Class

```
public class DWAccountSummary {
    public string AccountTypeName { get; set; }
    public bool? IsActive { get; set; }
    public bool? IsDebit { get; set; }
    public bool? IsCash { get; set; }
    public bool? IsDeposit { get; set; }
    public bool? IsLateFeePayable { get; set; }
    public bool? IsPrepayHold { get; set; }
    public bool? IsIncludeInCashFlow { get; set; }
    public string AccountingSoftwareName { get; set; }
    public bool? IsBalance { get; set; }
    public bool? IsRollForward { get; set; }
    public DateTime? LastUpdateDate { get; set; }
}
```

Account Hierarchy (DEPRECATED DO NOT USE)

Request URL	Request Body	Database View	Description	P
[Base API URL]/api/client/get/account/hierarchy/	<pre>{ "HierarchyKeys": [int HierarchyKey, int HierarchyKey], "HierarchyDetailKeys": [int HierarchyDetailKey, int HierarchyDetailKey], "LastUpdateDate": date LastUpdateDate }</pre>	vwAccountHierarchy	The account hierarchy header for reporting on things such as balance sheet, income statement, and other groupings of G/L accounts.	C C P

Example

Body: {
"HierarchyKeys": [],
"HierarchyDetailKeys": [],
"LastUpdateDate": "2017-08-28"
}

Result:
[{ "HierarchyDetailKey": 10338, "LastUpdateDate": "2017-08-28T20:56:17.610Z", "HierarchyKey": 5, "HierarchyDescription": "Trial Balance", "HierarchyCode": "Trial Balance" }]

Return Class

```
public class DWAccountHierarchySummary {
    public int? HierarchyKey { get; set; }
    public int? LineID { get; set; }
    public string LineType { get; set; }
    public string LineDescription { get; set; }
    public short? LevelNumber { get; set; }
    public int? ParentLineID { get; set; }
    public short? IndentCount { get; set; }
    public short? UnderlineCode { get; set; }
    public short? IsBold { get; set; }
    public short? IsItalic { get; set; }
    public short? LineBreakCount { get; set; }
    public short? SignFlipForDisplay { get; set; }
    public short? SignFlipTotalIntoParent { get; set; }
    public int? AccountKey { get; set; }
    public DateTime? LastUpdateDate { get; set; }
}
```

Account Hierarchy Actuals

Request URL	Request Body	Database View
[Base API URL]/api/client/get/financial/hierarchy/actuals/	<pre>{"StartDate": date StartDate, "EndDate": date EndDate, "AccountingCodeList": [string AccountCode, string AccountCode], "FundNameList": [string FundName, string FundName], "AssetNameList": [string AssetName, string AssetName], "PortfolioNameList": [string PortfolioName, string PortfolioName], "AccountHierarchyName": string AccountHierarchyName, "GroupBy": string GroupBy, "HiddenRows": string HiddenRows, "AccountingCodes": string AccountingCodes, "BookType": string BookType, "Scenario": string Scenario}</pre>	uspFinancialHierarchyByDate

Example

```
Body: {
"StartDate": "2000-01-01",
"EndDate": "2025-01-01",
"AccountingCodeList": [],
"FundNameList": [],
"AssetNameList": ["1 101 California Street"],
"PortfolioNameList": [],
"AccountHierarchyName": "Income Statement",
"GroupBy": "NONE",
"HiddenRows": "HIDE",
"AccountingCodes": "SHOW",
"BookType": "Accrual",
"Scenario": "Actuals"
}
```

```
Result:
[ { "LevelNumber": 1, "DetailID": 812, "FundNames": [ "Pereview II", "Fund A" ], "PortfolioNames": [ "1
101 California Street" ], "AssetNames": [ "1 101 California Street" ], "AccountingCodes": [ "PV02117756"
```

```
], "SubAssetNames": [ "101 California Street" ], "InceptionToDateBalance": 1102509.2000,
"YearToDateActivity": 294823.8700, "PeriodActivity": 103808.1600, "PostDate": "2018-02-01T00:00:00Z",
"LineLabel": "NETCASH - Net Cash Flow", "AccountCode": "NETCASH", "LineType": "TOTAL",
"AccountHierarchy": "Income Statement" } ]
```

Return Class

```
public class DWFinancialHierarchyByDate { public string AccountHierarchy { get; set; } public
List<string> FundNames { get; set; } public List<string> PortfolioNames { get; set; } public List<string>
AssetNames { get; set; } public List<string> AccountingCodes { get; set; } public List<string>
SubAssetNames { get; set; } public DateTime? PostDate { get; set; } public int DetailID { get; set; }
public string LineType { get; set; } public string AccountCode { get; set; } public string LineLabel {
get; set; } public decimal? PeriodActivity { get; set; } public decimal? YearToDateActivity { get; set; }
public decimal? InceptionToDateBalance { get; set; } public short LevelNumber { get; set; } }
```

Account Hierarchy Detail

Request URL	Request Body	Database View	De
[Base API URL]/api/client/get/account/hierarchy/detail/	{"LineIDs":[in LineID, int LineID],"HierarchyKeys": [int HierarchyKey, int HierarchyKey], "HierarchyDetailKeys": [int HierarchyDetailKey, int HierarchyDetailKey], "HierarchyCode": string HierarchyCode, "AccountKeys":[int AccountKey, int AccountKey], "LastUpdateDate": date LastUpdateDate}	vwAccountHierarchyDetail	Th hie de list inc ac the an lin

Example

```
Body: {
  "HierarchyKeys":[1],
  "HierarchyDetailKeys":[1000],
  "HierarchyCode": "Income",
  "LineIDs": [],
  "AccountKeys": [],
  "LastUpdateDate": "2016-02-05"
}
```

Result:

```
[ { "LastUpdateDate": "2016-02-05T22:54:05.860Z", "AccountKey": 3629, "SignFlipTotalIntoParent": null,
"SignFlipForDisplay": -1, "LineBreakCount": 0, "IsItalic": 0, "IsBold": 0, "UnderlineCode": 0,
"IndentCount": 10, "ParentLineID": 782, "LevelNumber": 3, "LineID": 765, "HierarchyKey": 1,
```

```
"HierarchyDetailKey": 1000, "HierarchyCode": "Income Statement", "LineDescription": "Travel & Marketing Costs", "LineType": "LineItem" } ]
```

Return Class

```
public class DWAccountHierarchyDetailSummary { public int? HierarchyKey { get; set; } public int? HierarchyDetailKey { get; set; } public string HierarchyCode { get; set; } public int? LineID { get; set; } public string LineType { get; set; } public string LineDescription { get; set; } public short? LevelNumber { get; set; } public int? ParentLineID { get; set; } public short? IndentCount { get; set; } public short? UnderlineCode { get; set; } public short? IsBold { get; set; } public short? IsItalic { get; set; } public short? LineBreakCount { get; set; } public short? SignFlipForDisplay { get; set; } public short? SignFlipTotalIntoParent { get; set; } public int? AccountKey { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Acquisition

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/acquisition/	{"AcquisitionIDs": [int AcquisitionID, int AcquisitionID], "LastUpdateDate": date LastUpdateDate}	vwAcquisition	Information associated with purchasing an asset.	CanViewAcquisitic CanPullDataByAPI

Example

Body: {
"AcquisitionIDs":[
"LastUpdateDate": "2022-11-30"
}

Result:

```
[ { "OfficeLocationID": 76, "AcquisitionID": 98, "GeotechFees": null, "GeneralContractorFees": null, "MEPFees": null, "DevelopmentOtherFees": null, "ProjectConstructionManagementFees": null, "MechanicalElectricalEngineerFees": null, "CivilStructeralEngineerFees": null, "QuantitySurveyorFees": null, "ArchitecturalFees": null, "DeveloperFees": null, "ReturnOnCostUntrended": null, "ReturnOnCostTrended": 0.09000000, "AverageRentPerArea": null, "TargetedDateofClosing": null, "ExtensionOption": null, "StabilizedFundCapRate": null, "AcqDevFee": null, "ROI": null, "EquivalentYear1NetYield": null, "OfferDate": "2015-03-13T00:00:00Z", "LastUpdateDate": "2022-11-30T15:19:38.087Z", "FiveYearCashOnCashReturn": null, "SponsorImpliedEquityAmount": null, "FutureFundingAllocationAmount": null, "AcquisitionInvestmentAmount": null, "UnderwritingEquityMultiple": 1.810000, "TotalAcquisitionCost": null, "SponsorEquity": null, "ClosingOtherCost": 3450000.0000, "LeveredIRR": 15.000000, "InitialFundCapRate": 6.00000000, "CapitalImprovementCost": 1344000.0000, "PurchasePrice": 110500000.0000, "TotalArea": null, "OccupiedArea": null, "NumberOfUnits": null, "SquareFeet": null, "area": null, "units": null, "UnleveredIRR": 11.000000, "UnleveredInitialYieldPercent": null, "BrokerFeePercent": null, "AverageAreaPerUnit": null, "ClientApprovalDate": null, "PurchaseSaleExecutionDate": null, "StabilizationDate": null, "DeliveryDate": null }
```

```

null, "ConstructionStartDate": null, "DeclineDate": null, "ClosedDate": null, "ScreeningCommitteeDate":
null, "PICApprovalDate": null, "PICDate": null, "FICDate": null, "FICApprovalDate": null,
"ForecastedCloseDate": "2014-01-15T00:00:00Z", "ThirdParty10YearIRR": null, "ThirdPartyCapRate": null,
"ThirdPartyPurchasePrice": null, "ThirdPartySaleDate": null, "AskingPrice": null,
"FinalInvestmentAmount": 111617395.0000, "InvestorRequiredEquity": 47000000.0000,
"EstimatedInvestmentAmount": 110000000.0000, "Year1CapRate": 6.00000000, "CAExecutionDate": "2015-01-
01T00:00:00Z", "CAExpirationMonths": 4, "DocumentReceivedDate": "2014-01-29T00:00:00Z",
"AcquisitionLogNumber": 5, "LegalEntity": null, "SecondaryBrokerContact": null, "PrimaryReferralContact":
null, "DevelopmentOther": null, "Developer": null, "ProjectConstructionManagement": null, "Geotech":
null, "GeneralContractor": null, "MEP": null, "MechanicalElectricalEngineer": null,
"CivilStructuralEngineer": null, "QuantitySurveyor": null, "Architectural": null, "Borrower": null,
"SeniorLender": null, "JVPartner": null, "ReferralCompany": "CBRE", "Seller": "ADC Holdings",
"PreviousAcquisitionName": "What", "SidecarEquity": null, "StateProvinceAbbreviation": null,
"RegionName": null, "NCREIF": null, "MSADescription": null, "CityName": null, "CountryName": null,
"PropertyTypeDescription": null, "FundNames": "Allocated to: Pereview II", "BorrowerName": null,
"DeclineReasonDescription": null, "IsAllocated": "Yes", "EntityPurchase": null, "ThirdPartyBuyerName":
null, "InvestmentStructure": "Joint Venture", "InvestmentStrategy": "Core", "OMRcvd": "Yes", "TTRating":
null, "CurrencyName": "United States Dollar", "CurrencyCode": "USD", "OfficeRegion": "USA",
"OfficeLocation": "Boston", "AcquisitionSourceDescription": "Broker-Widely Marketed",
"AcquisitionStatusDescription": "Closed", "AcquisitionType": "REO", "AcquisitionAlias": "Garrison
Square", "AcquisitionName": "Garrison Square" } ]

```

Return Class

```

public class DWAcquisitionSummary { public int AcquisitionID { get; set; } public int?
AcquisitionLogNumber { get; set; } public DateTime? DocumentReceivedDate { get; set; } public string
AcquisitionName { get; set; } public string AcquisitionAlias { get; set; } public string AcquisitionType
{ get; set; } public string AcquisitionStatusDescription { get; set; } public string
AcquisitionSourceDescription { get; set; } public int OfficeLocationID { get; set; } public string
OfficeLocation { get; set; } public string OfficeRegion { get; set; } public string CurrencyCode { get;
set; } public string CurrencyName { get; set; } public string TTRating { get; set; } public string OMRcvd
{ get; set; } public int? CAExpirationMonths { get; set; } public DateTime? CAExecutionDate { get; set; }
public string InvestmentStrategy { get; set; } public string InvestmentStructure { get; set; } public
decimal? Year1CapRate { get; set; } public decimal? EstimatedInvestmentAmount { get; set; } public
decimal? InvestorRequiredEquity { get; set; } public decimal? FinalInvestmentAmount { get; set; } public
decimal? AskingPrice { get; set; } public string ThirdPartyBuyerName { get; set; } public DateTime?
ThirdPartySaleDate { get; set; } public decimal? ThirdPartyPurchasePrice { get; set; } public decimal?
ThirdPartyCapRate { get; set; } public decimal? ThirdParty10YearIRR { get; set; } public string
EntityPurchase { get; set; } public string IsAllocated { get; set; } public DateTime? ForecastedCloseDate
{ get; set; } public DateTime? FICApprovalDate { get; set; } public DateTime? FICDate { get; set; }
public DateTime? PICDate { get; set; } public DateTime? PICApprovalDate { get; set; } public DateTime?
ScreeningCommitteeDate { get; set; } public DateTime? ClosedDate { get; set; } public DateTime?
DeclineDate { get; set; } public string DeclineReasonDescription { get; set; } public DateTime?
ConstructionStartDate { get; set; } public DateTime? DeliveryDate { get; set; } public DateTime?
StabilizationDate { get; set; } public DateTime? PurchaseSaleExecutionDate { get; set; } public DateTime?
ClientApprovalDate { get; set; } public decimal? AverageAreaPerUnit { get; set; } public decimal?
BrokerFeePercent { get; set; } public decimal? UnleveredInitialYieldPercent { get; set; } public decimal?
UnleveredIRR { get; set; } public string BorrowerName { get; set; } public string FundNames { get; set; }
public string PropertyTypeDescription { get; set; } public string CountryName { get; set; } public string
CityName { get; set; } public string MSADescription { get; set; } public string NCREIF { get; set; }

```



```

public string RegionName { get; set; } public string StateProvinceAbbreviation { get; set; } public int?
units { get; set; } public int? area { get; set; } public int? SquareFeet { get; set; } public double?
NumberOfUnits { get; set; } public decimal? OccupiedArea { get; set; } public int? TotalArea { get; set;
} public decimal? PurchasePrice { get; set; } public decimal? CapitalImprovementCost { get; set; } public
decimal? InitialFundCapRate { get; set; } public decimal? LeveredIRR { get; set; } public decimal?
ClosingOtherCost { get; set; } public string SidecarEquity { get; set; } public decimal? SponsorEquity {
get; set; } public decimal? TotalAcquisitionCost { get; set; } public decimal? UnderwritingEquityMultiple
{ get; set; } public decimal? AcquisitionInvestmentAmount { get; set; } public decimal?
FutureFundingAllocationAmount { get; set; } public decimal? SponsorImpliedEquityAmount { get; set; }
public decimal? FiveYearCashOnCashReturn { get; set; } public DateTime? LastUpdateDate { get; set; }
public DateTime? OfferDate { get; set; } public decimal? EquivalentYear1NetYield { get; set; } public
decimal? ROI { get; set; } public decimal? AcqDevFee { get; set; } public decimal? StabilizedFundCapRate
{ get; set; } public bool? ExtensionOption { get; set; } public DateTime? TargetedDateofClosing { get;
set; } public string PreviousAcquisitionName { get; set; } public string Seller { get; set; } public
string ReferralCompany { get; set; } public string JVPartner { get; set; } public string SeniorLender {
get; set; } public string Borrower { get; set; } public string Architectural { get; set; } public string
QuantitySurveyor { get; set; } public string CivilStructuralEngineer { get; set; } public string
MechanicalElectricalEngineer { get; set; } public string MEP { get; set; } public string
GeneralContractor { get; set; } public string Geotech { get; set; } public string
ProjectConstructionManagement { get; set; } public string Developer { get; set; } public string
DevelopmentOther { get; set; } public string PrimaryReferralContact { get; set; } public string
SecondaryBrokerContact { get; set; } public decimal? AverageRentPerArea { get; set; } public decimal?
ReturnOnCostTrended { get; set; } public decimal? ReturnOnCostUntrended { get; set; } public decimal?
DeveloperFees { get; set; } public decimal? ArchitecturalFees { get; set; } public decimal?
QuantitySurveyorFees { get; set; } public decimal? CivilStructuralEngineerFees { get; set; } public
decimal? MechanicalElectricalEngineerFees { get; set; } public decimal? ProjectConstructionManagementFees
{ get; set; } public decimal? DevelopmentOtherFees { get; set; } public decimal? MEPFees { get; set; }
public decimal? GeneralContractorFees { get; set; } public decimal? GeotechFees { get; set; } public
string LegalEntity { get; set; } }

```

Acquisition Comment

Request URL	Request Body	Database View	Description
[Base API URL]/api/client/get/acquisition/comments/	{"AcquisitionIDs": [int AcquisitionID, int AcquisitionID], "LastUpdateDate": date LastUpdateDate}	vwAcquisitionComment	Comments made during the acquisition process.

Example

```

Body: {
  "AcquisitionIDs":[],
  "LastUpdateDate": "2017-03-15"
}

```

Result:

```
[ { "InsertDate": "2016-08-04T14:54:03.520Z", "AcquisitionID": 246, "LastUpdateDate": "2019-05-03T09:12:04.6Z", "CommentedBy": "Support, Pereview ", "Comment": "Large planned capital expenditure needed in 2016.&nbsp;&nbsp; ", "CommentTypeDescription": "Status Notes" } ]
```

Return Class

```
public class DWAcquisitionCommentSummary { public int AcquisitionID { get; set; } public string
CommentTypeDescription { get; set; } public string Comment { get; set; } public DateTime InsertDate {
get; set; } public string CommentedBy { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Acquisition Critical Date

Request URL	Request Body	Database View	Description
[Base API URL]/api/client/get/acquisition/criticaldates/	{"AcquisitionIDs": [int AcquisitionID, int AcquisitionID], "LastUpdateDate": date LastUpdateDate}	vwAcquisitionCriticalDate	Critical dates associated with the acquisition process.

Example

```
Body: {
  "AcquisitionIDs": [],
  "LastUpdateDate": "2022-08-18"
}
```

Result:

```
[ { "CriticalDateValue": "2012-11-02T00:00:00Z", "AcquisitionID": 242, "LastUpdateDate": "2022-08-18T19:34:57.347Z", "CriticalDateCode": "ActualCloseDate", "FunctionName": "Acquisitions" } ]
```

Return Class

```
public class DWAcquisitionCriticalDateSummary { public int AcquisitionID { get; set; } public string
FunctionName { get; set; } public DateTime CriticalDateValue { get; set; } public string CriticalDateCode
{ get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Acquisition Fund

Request URL	Request Body	Database View	Description	Permissions
[Base API URL]/api/client/get/acquisition/fund/	{ "AcquisitionIDs": [int AcquisitionID, int AcquisitionID], "FundIDs": [int FundID, int FundID], "LastUpdateDate": date LastUpdateDate }	vwAcquisitionFund	Funds that may be interested in purchasing the asset. These are not necessarily funds that will actually close, but those that may be interested.	CanView CanPull

Example

Body: {

"AcquisitionIDs": [],

"FundIDs": [],

"LastUpdateDate": "2022-08-01"

}

Result:

```
[ { "FundID": 2, "AcquisitionID": 98, "LastUpdateDate": "2022-08-01T20:38:35.120Z",
  "OwnershipPercentage": 100.00000000 } ]
```

Return Class

```
public class DWAcquisitionFundSummary { public int AcquisitionID { get; set; } public int FundID { get; set; } public decimal? OwnershipPercentage { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Acquisition Offer

Request URL	Request Body	Database View	Description	Permissions
[Base API URL]/api/client/get/acquisition/offer/	{ "AcquisitionIDs": [int AcquisitionID, int AcquisitionID], "LastUpdateDate": date LastUpdateDate }	vwAcquisitionOffer	Any offers tendered during the acquisition process.	CanView CanPull

Example

Body: {
"AcquisitionIDs":[],
"LastUpdateDate": "2017-06-08"
}
Result:
[{ "OfferAmount": 110500000.0000, "LOIIssuedDate": "2015-03-08T00:00:00Z", "AcquisitionID": 98,
"LastUpdateDate": "2017-06-08T14:09:36.927Z", "RowNum": 1 }]

Return Class

```
public class DWAcquisitionOfferSummary { public long? RowNum { get; set; } public int AcquisitionID {  
get; set; } public DateTime LOIIssuedDate { get; set; } public decimal OfferAmount { get; set; } public  
DateTime? LastUpdateDate { get; set; } }
```

Acquisition Property

Request URL	Request Body	Database View	Description
[Base API URL]/api/client/get/acquisition/property/	{ "AcquisitionIDs":[int AcquisitionID, int AcquisitionID], "AcquisitionPropertyIDs": [int AcquisitionPropertyID, int AcquisitionPropertyID] "LastUpdateDate": date LastUpdateDate}	vwAcquisitionProperty	Properties associated with the acquisition. Often defined by underwriting and not necessarily corresponding to every physical property the actual transaction

Example

Body: {
"AcquisitionIDs":[],
"AcquisitionPropertyIDs":[10],
"LastUpdateDate": "2022-11-16"
}
Result:
[{ "AcquisitionID": 116, "AcquisitionPropertyID": 10, "LastUpdateDate": "2022-11-16T21:38:51.207Z",
"HasRadonIssues": null, "HasPolybutelenePlumbing": null, "GLAArea": 156347, "ParkingCount": 549,
"IsPursue": true, "IncomeSecurityYears": null, "AnnualRentAmount": null, "BrokerFeePercent": null,
"IsReported": null, "SiteCoverageRatio": null, "FloorAreaRatio": null, "ReturnOnCostUntrended": null,
"ReturnOnCostTrended": null, "StabilizationDate": null, "NumberOfUnits": null, "TotalArea": 169325,

```
"OccupiedPercent": 61.0000, "LeasedPercent": null, "BidDate": null, "IsDevelopment": true, "Longitude":
-77.04150760, "Latitude": 38.90684320, "LeasingIssuesDescription": null, "FloodZoneDescription": null,
"ZoningDescription": null, "VisibilityDescription": null, "WindowTypeDescription": null,
"UnitAmenitiesDescription": null, "SprinklerCapacityDescription": null, "SiteAreaDescription": null,
"ShapeDescription": null, "SecurityDescription": null, "RoofTypeDescription": null,
"SiteAccessDescription": null, "SidingIssuesDescription": null, "RadonIssuesDescription": null,
"PowerLinesDescription": null, "PolybutelenePlumbingDescription": null, "ParkingPavingDescription": null,
"ParkingRatioDescription": null, "ParkingLotDescription": null, "ParkingDistributionDescription":
"445ssxz jhnsdioj30#$$^&", "OnsiteAmenitiesDescription": null, "OfficeFinishDescription": null,
"HVACDescription": null, "FrameStructureDescription": null, "FoundationFloorDescription": null,
"FloodZoneAddlDescription": null, "FiberopticsDescription": null, "FacadeDescription": null,
"EmergencyPowerDescription": null, "ElevatorDescription": null, "ElectricalCapacityDescription": null,
"CeilingHeightDescription": null, "DensityDescription": null, "EstateTypeDescription": null,
"AnchorTenantName": "NA", "CurrencyCode": "USD", "CurrencyName": "United States Dollar", "PostalCode":
"20036", "CityName": "Washington", "CountyName": "District of Columbia County", "CountryName": "United
States Of America", "PropertyRatingName": null, "PropertyTypeLevel3": null, "PropertyTypeLevel2": "High-
Rise", "PropertyTypeLevel1": "Office", "UOMName": null, "Notes": null, "ClassOfBuilding": null,
"YearLastRenovated": null, "YearBuilt": "1983", "PropertyMainAddress": "1225 Connecticut Avenue
Northwest", "PropertyAlias": null, "PropertyName": "1225 Connecticut Avenue", "PropertyClassName": "B",
"SubMarketName": null, "MSADescription": "Washington-Arlington-Alexandria, DC-VA-MD-WV MSA",
"StateProvinceAbbreviation": "DC", "StateProvinceName": "Washington DC" } ]
```

Return Class

```
public class DWAcquisitionPropertySummary { public int AcquisitionID { get; set; } public int
AcquisitionPropertyID { get; set; } public string StateProvinceName { get; set; } public string
StateProvinceAbbreviation { get; set; } public string MSADescription { get; set; } public string
SubMarketName { get; set; } public string PropertyClassName { get; set; } public string PropertyName {
get; set; } public string PropertyAlias { get; set; } public string PropertyMainAddress { get; set; }
public decimal? Latitude { get; set; } public decimal? Longitude { get; set; } public bool? IsDevelopment
{ get; set; } public System.DateTime? BidDate { get; set; } public decimal? LeasedPercent { get; set; }
public decimal? OccupiedPercent { get; set; } public string YearBuilt { get; set; } public string
YearLastRenovated { get; set; } public double? TotalArea { get; set; } public int? NumberOfUnits { get;
set; } public string ClassOfBuilding { get; set; } public System.DateTime? StabilizationDate { get; set;
} public int? ReturnOnCostTrended { get; set; } public int? ReturnOnCostUntrended { get; set; } public
string Notes { get; set; } public decimal? FloorAreaRatio { get; set; } public decimal? SiteCoverageRatio
{ get; set; } public bool? IsReported { get; set; } public string UOMName { get; set; } public string
PropertyTypeLevel1 { get; set; } public string PropertyTypeLevel2 { get; set; } public string
PropertyTypeLevel3 { get; set; } public string PropertyRatingName { get; set; } public decimal?
BrokerFeePercent { get; set; } public decimal? AnnualRentAmount { get; set; } public string CountryName {
get; set; } public string CountyName { get; set; } public string CityName { get; set; } public string
PostalCode { get; set; } public string CurrencyName { get; set; } public string CurrencyCode { get; set;
} public decimal? IncomeSecurityYears { get; set; } public string AnchorTenantName { get; set; } public
bool? IsPursue { get; set; } public string EstateTypeDescription { get; set; } public short? ParkingCount
{ get; set; } public string DensityDescription { get; set; } public string CeilingHeightDescription {
get; set; } public string ElectricalCapacityDescription { get; set; } public string ElevatorDescription {
get; set; } public string EmergencyPowerDescription { get; set; } public string FacadeDescription { get;
set; } public string FiberopticsDescription { get; set; } public string FloodZoneAddlDescription { get;
set; } public int? GLAArea { get; set; } public string FoundationFloorDescription { get; set; } public
string FrameStructureDescription { get; set; } public bool? HasPolybutelenePlumbing { get; set; } public
```

```
bool? HasRadonIssues { get; set; } public string HVACDescription { get; set; } public string
OfficeFinishDescription { get; set; } public string OnsiteAmenitiesDescription { get; set; } public
string ParkingDistributionDescription { get; set; } public string ParkingLotDescription { get; set; }
public string ParkingRatioDescription { get; set; } public string ParkingPavingDescription { get; set; }
public string PolybutelenePlumbingDescription { get; set; } public string PowerLinesDescription { get;
set; } public string RadonIssuesDescription { get; set; } public string SidingIssuesDescription { get;
set; } public string SiteAccessDescription { get; set; } public string RoofTypeDescription { get; set; }
public string SecurityDescription { get; set; } public string ShapeDescription { get; set; } public
string SiteAreaDescription { get; set; } public string SprinklerCapacityDescription { get; set; } public
string UnitAmenitiesDescription { get; set; } public string WindowTypeDescription { get; set; } public
string VisibilityDescription { get; set; } public string ZoningDescription { get; set; } public string
FloodZoneDescription { get; set; } public string LeasingIssuesDescription { get; set; } public DateTime?
LastUpdateDate { get; set; } }
```

Acquisition Property User Defined Value (Custom Fields)

Request URL	Request Body	Database View
[Base API URL]/api/client/get/acquisition/property/userdefinedvalue/	{"AcquisitionPropertyIDs": [int AcquisitionPropertyID, int AcquisitionPropertyID], "ReferenceType": string ReferenceType, "LastUpdateDate": date LastUpdateDate}	vwAcquisitionPrc

Example

```
Body: {
"AcquisitionPropertyIDs":[],
"ReferenceType": null,
"LastUpdateDate": null
}
Result:
[ { "LastUpdateDate": "2023-12-15T14:36:56.9366667Z", "UserDefinedKeyID": 451,
"AcquisitionPropertyUserDefinedValueID": 191, "AcquisitionPropertyID": 10, "ReferenceType":
"AcquisitionProperty", "Value": "test", "Name": "Tran Prop Test Small Txt", "PropertyTypeDescription":
null } ]
```

Return Class

```
public class DWAcquisitionPropertyUserDefinedValueSummary { public int AcquisitionPropertyID { get; set; }
public string PropertyTypeDescription { get; set; } public string Name { get; set; } public string
Value { get; set; } public DateTime LastUpdateDate { get; set; } public string ReferenceType { get; set; }
public int AcquisitionPropertyUserDefinedValueID { get; set; } public int UserDefinedKeyID { get; set; }
} }
```

Acquisition Role

Request URL	Request Body	Database View	Description	Permissio
[Base API URL]/api/client/get/acquisition/role/	<pre>{ "AcquisitionIDs": [{ "AcquisitionID": 1, "LastUpdateDate": "2017-03-01" }] }</pre>	vwAcquisitionRole	Internal roles such as Acquisition Officer, Portfolio Manager, etc. as well as external roles like third parties (broker, surveyor, tax consultant, etc.) associated with the acquisition process.	CanViewA CanPullD

Example

Body: {
 "AcquisitionIDs":[
 "LastUpdateDate": "2017-03-01"
]
}

Result:
[{ "AcquisitionID": 98, "LastUpdateDate": "2017-06-08T14:13:49.387Z", "PrincipalParty": "Rice, Jerry", "ActingParty": "Rice, Jerry", "RoleDescription": "Associate Portfolio Manager", "RoleCode": "AssocPortMgr" }]

Return Class

```
public class DWAcquisitionRoleSummary {
    public int AcquisitionID { get; set; }
    public string RoleCode { get; set; }
    public string RoleDescription { get; set; }
    public string ActingParty { get; set; }
    public string PrincipalParty { get; set; }
    public DateTime? LastUpdateDate { get; set; }
}
```

Acquisition Status History

Request URL	Request Body	Database View	Descrip
[Base API URL]/api/client/get/acquisition/statushistory/	{ "AcquisitionIDs": [int AcquisitionID, int AcquisitionID], "LastUpdateDate": date LastUpdateDate}	vwAcquisitionStatusHistory	Status history change through life of Acquist

Example

Body: {

"AcquisitionIDs":[,

"LastUpdateDate": "2017-03-01"

}

Result:

```
[ { "InsertDate": "2017-06-08T19:34:39.827Z", "AcquisitionID": 255, "AcquisitionStatusHistoryID": 4,
"LastUpdateDate": "2017-06-08T19:34:39.827Z", "UpdateBy": "support@pereviewsoftware.com",
"NewAcquisitionStatus": "Under Contract", "PreviousAcquisitionStatus": "Info Received",
"AcquisitionName": "12950 E Colonial Dr" } ]
```

Return Class

```
public class DWAcquisitionStatusHistorySummary { public int AcquisitionStatusHistoryID { get; set; }
public int AcquisitionID { get; set; } public string AcquisitionName { get; set; } public string
PreviousAcquisitionStatus { get; set; } public string NewAcquisitionStatus { get; set; } public string
UpdateBy { get; set; } public DateTime InsertDate { get; set; } public DateTime? LastUpdateDate { get;
set; } }
```

Acquisition User Defined Value (Custom Fields)

Request URL	Request Body	Database View
[Base API URL]/api/client/get/acquisition/userdefinedvalue	{ "AcquisitionIDs": [int AcquisitionID, int AcquisitionID], "LastUpdateDate": date LastUpdateDate}	vwAcquisitionUserDefinedValue

Example

Body: {

"AcquisitionIDs":[,

"LastUpdateDate": "2022-02-17"


```
}
Result:
[ { "UserDefinedKeyID": 438, "AcquisitionUserDefinedValueID": 143, "AcquisitionID": 111,
"LastUpdateDate": "2023-02-17T16:07:57.633Z", "Name": "Tran Test Small Txt", "Value": "test" } ]
```

Return Class

```
public class DWAcquisitionUserDefinedValueSummary { public int AcquisitionID { get; set; } public string
Value { get; set; } public string Name { get; set; } public DateTime? LastUpdateDate { get; set; } public
int AcquisitionUserDefinedValueID { get; set; } public int UserDefinedKeyID { get; set; } }
```

Asset

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/asset/	{"AssetKeys":[int AssetKey, int AssetKey],"AcquisitionIDs": [int AcquisitionID, int AcquisitionID],"PortfolioKeys": [int PortfolioKey, int PortfolioKey], "LastUpdateDate": date LastUpdateDate}	vwAsset	An actual asset that has been acquired. Assets do not have to be a single physical property, an asset may be one or more physical properties, or an asset may be debt	CanViewAssetAPI CanPullDataByAPI

Example

```
Body: {
"AssetKeys":[],
"AcquisitionIDs":[],
"PortfolioKeys":[],
"LastUpdateDate": "2023-02-20"
}
Result:
[ { "IsHidden": false, "PortfolioKey": 1, "AssetKey": 20, "LastUpdateDate": "2023-05-03T20:39:17.777Z",
"AssetID": 20, "TotalArea": 147648.00, "TotalNumberOfUnits": 192, "AcquisitionID": 98, "SiteArea": null,
"AssetIRR": 11.495000, "AccountingCode": "PV02177756", "OfficeName": "Boston", "MSADescription": null,
```

```
"PostalCode": "28023", "FundName": "Pereview II", "PortfolioName": "1 Garrison Square", "AssetStatus":
"Operating", "InvestmentStrategyDescription": "Value-Add", "InvestmentStructureTypeDescription": "Joint
Venture", "SubMarketName": null, "YearBuilt": "1991", "PropertyAddress": "47 Calle Gobelas",
"StateProvinceAbbreviation": "MD", "CityName": "Boston", "AcquisitionName": "Garrison Square",
"DominantSubAssetTypeDescription": "REO", "DominantPropertyTypeDescription": "Multifamily", "AssetName":
"1 Garrison Square" }]
```

Return Class

```
public class DWAssetSummary { public int AssetKey { get; set; } public string AssetName { get; set; }
public string DominantPropertyTypeDescription { get; set; } public string DominantSubAssetTypeDescription
{ get; set; } public string AcquisitionName { get; set; } public decimal? AssetIRR { get; set; } public
int PortfolioKey { get; set; } public string CityName { get; set; } public string
StateProvinceAbbreviation { get; set; } public string PropertyAddress { get; set; } public string
YearBuilt { get; set; } public decimal? SiteArea { get; set; } public string SubMarketName { get; set; }
public string InvestmentStructureTypeDescription { get; set; } public string
InvestmentStrategyDescription { get; set; } public string AssetStatus { get; set; } public string
PortfolioName { get; set; } public string FundName { get; set; } public int? AcquisitionID { get; set; }
public int? TotalNumberOfUnits { get; set; } public decimal? TotalArea { get; set; } public string
PostalCode { get; set; } public string MSADescription { get; set; } public string OfficeName { get; set;
} public int? AssetID { get; set; } public DateTime? LastUpdateDate { get; set; } public bool IsHidden {
get; set; } public string AccountingCode { get; set; } }
```

Asset Comment

Request URL	Request Body	Database View	Description
[Base API URL]/api/client/get/asset/comment/	{"AssetKeys":[int AssetKey, int AssetKey], "LastUpdateDate": date LastUpdateDate, "YearNumber": short? YearNumber, "ReportingPeriodCode": string ReportingPeriodCode, "ReportingPeriodDescription": string ReportingPeriodDescription, "ReportingPeriodFrequency": string ReportingPeriodFrequency, "AsOfDate": date? AsOfDate}	vwAssetComment	Any comments noted for the asset.

Example

```
Body: {
"AssetKeys":[],
"LastUpdateDate": "2017-06-12",
"AsOfDate": null,
```

```
"ReportingPeriodCode": null,
"ReportingPeriodDescription": null,
"ReportingPeriodFrequency": null,
"YearNumber": 2023
}
Result:
[ { "InsertDate": "2023-06-28T16:01:56.813Z", "AssetKey": 149, "YearNumber": 2023, "AsOfDate": "2023-06-30T12:00:00Z", "LastUpdateDate": "2023-06-28T16:01:56.843Z", "UpdateDate": "2023-06-28T16:01:56.843Z", "ReportingPeriodDescription": "June", "ReportingPeriodCode": "June", "ReportingPeriodFrequency": "Monthly", "CommentedBy": null, "Comment": "Testing", "CommentTypeDescription": "Current Business Plan" } ]
```

Return Class

```
public class DWAssetCommentSummary { public int AssetKey { get; set; } public string CommentTypeDescription { get; set; } public string Comment { get; set; } public DateTime InsertDate { get; set; } public DateTime? UpdateDate { get; set; } public string CommentedBy { get; set; } public DateTime? LastUpdateDate { get; set; } public DateTime? AsOfDate { get; set; } public string ReportingPeriodFrequency { get; set; } public string ReportingPeriodCode { get; set; } public string ReportingPeriodDescription { get; set; } public short? YearNumber { get; set; } }
```

Asset Critical Date

Request URL	Request Body	Database View	Description	Permissions
[Base API URL]/api/client/get/asset/criticaldate/	{"AssetKeys":[int AssetKey, int AssetKey], "LastUpdateDate": date LastUpdateDate}	vwAssetCriticalDate	Any critical dates noted for the asset.	CanView CanPublish

Example

```
Body: {
"AssetKeys":[],
"LastUpdateDate": "2017-06-12"
}
Result:
[ { "CriticalDateValue": "2021-12-10T00:00:00Z", "AssetKey": 454, "AssetID": 467, "LastUpdateDate": "2021-12-10T18:53:56.463Z", "CriticalDateCode": "ActualCloseDate", "AssetName": "Customer Replicant Superior" } ]
```

Return Class

```
public class DWAssetCriticalDateSummary { public int AssetID { get; set; } public int AssetKey { get; set; } public string AssetName { get; set; } public string CriticalDateCode { get; set; } public DateTime CriticalDateValue { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Asset Reporting

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/asset/reports/	<pre>{ "AssetKeys": [int AssetKey, int AssetKey], "LastUpdateDate": date LastUpdateDate }</pre>	vwAssetReporting	Reporting dates for the asset, such as when the quarterly reports are due, annual reports, etc.	CanViewAsset, CanPullData

Example

Body: {

"AssetKeys": [37],

"LastUpdateDate": "2022-03-16"

}

Result:

```
[ { "AssetKey": 37, "LastUpdateDate": "2022-03-16T15:26:56.463Z", "ReportingDayNumber": 45,
  "ReportingNotes": null, "ReportingPeriodDescription": "End of Month", "ReportingTypeDescription":
  "Monthly Report" } ]
```

Return Class

```
public class DWAssetReportingSummary { public int AssetKey { get; set; } public string
ReportingTypeDescription { get; set; } public string ReportingPeriodDescription { get; set; } public
short? ReportingDayNumber { get; set; } public string ReportingNotes { get; set; } public DateTime?
LastUpdateDate { get; set; } }
```

Asset Role

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/asset/role	<pre>{"AssetKeys":[int AssetKey, int AssetKey], "LastUpdateDate": date LastUpdateDate}</pre>	vwAssetRole	Internal roles such as Asset Manager, Portfolio Manager, etc. as well as external roles like third parties (property management company, tax advisor, etc.) associated with the asset.	CanViewAssetAPI CanPullDataByAPI

Example

Body: {
 "AssetKeys":[],
 "LastUpdateDate": "2016-03-01"
}

Result:

```
[ { "AssetKey": 2, "LastUpdateDate": "2016-03-01T16:10:10.293Z", "RoleCode": "FundOfficer1",  
  "ActingParty": "Sanders, Barry", "RoleDescription": "Fund Officer1", "FunctionName": "Asset Management" } ]
```

Return Class

```
public class DWAssetRoleSummary { public int AssetKey { get; set; } public string FunctionName { get; set; } public string RoleDescription { get; set; } public string ActingParty { get; set; } public string RoleCode { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Asset User Defined Value (Custom Fields)

Request URL	Request Body	Database View	Description	P
[Base API URL]/api/client/get/asset/userdefined	{"AssetKeys":[int AssetKey, int AssetKey], "LastUpdateDate": date LastUpdateDate}	vwAssetUserDefinedValue	Any custom, user-defined fields and values for the asset.	((P

Example

Body: {
"AssetKeys":[],
"LastUpdateDate": "2023-02-17"
}
Result:
[{ "UserDefinedKeyID": 355, "AssetUserDefinedValueID": 113, "AssetKey": 1, "LastUpdateDate": "2024-07-18T11:14:35.977Z", "Name": "Asset Test Company Contact", "PropertyTypeDescription": null, "Value": "Company" }]

Return Class

```
public class DWAssetUserDefinedValueSummary { public int AssetKey { get; set; } public string Value { get; set; } public string PropertyTypeDescription { get; set; } public string Name { get; set; } public DateTime? LastUpdateDate { get; set; } public int AssetUserDefinedValueID { get; set; } public int UserDefinedKeyID { get; set; } }
```

Asset Variance Comments

Request URL	Request Body	Database View
[Base API URL]/api/client/get/asset/variance/comments	<pre>{"AssetKeys":[int AssetKey, int AssetKey], "LastUpdateDate": date LastUpdateDate, "YearNumber": short? YearNumber, "ReportingPeriodCode": string ReportingPeriodCode, "ReportingPeriodDescription": string ReportingPeriodDescription, "ReportingPeriodFrequency": string ReportingPeriodFrequency, "Hierarchy": string Hierarchy, "AccountCode": string AccountCode}</pre>	vwAccountVarianceComm

Example

Body: {
"AssetKeys":[],
"LastUpdateDate": null,
"YearNumber": null,
"ReportingPeriodCode": null,
"ReportingPeriodDescription": null,
"ReportingPeriodFrequency": null,
"Hierarchy": null,
"AccountCode": null
}
Result:
[{ "LastUpdateDate": "2023-06-19T14:06:29.223Z", "AssetKey": 1, "AssetID": 1, "AccountID": 10269, "VarianceCommentID": 1, "YearNumber": 2020, "Comment": "This is a test UPDATED", "AssetName": "1 101 California Street", "ReportingPeriodDescription": "Q4", "ReportingPeriodCode": "Q4", "ReportingPeriodFrequency": "Quarterly", "AccountDescription": "Base Rent Income", "AccountCode": "50100013", "Hierarchy": "Income Statement" }]

Return Class

```
public class DWAssetVarianceCommentSummary { public int VarianceCommentID { get; set; } public string Hierarchy { get; set; } public int AccountID { get; set; } public string AccountCode { get; set; } public string AccountDescription { get; set; } public string ReportingPeriodFrequency { get; set; } public string ReportingPeriodCode { get; set; } public string ReportingPeriodDescription { get; set; } public int AssetID { get; set; } public int AssetKey { get; set; } public string AssetName { get; set; } public string Comment { get; set; } public short? YearNumber { get; set; } public DateTime LastUpdateDate { get; set; } }
```

Configurable Controls

Request URL	Request Type	Request Body	Description	Permission
[Base API URL]/api/client/get/controls	GET	{ "InternalControlName": string InternalControlName, "DisplayText": string DisplayText }	Returns a grouping of controls.	CanViewConfiguration, CanPullDataByAPI

Example

Body: { "InternalControlName": "", "DisplayText": "" }

Result:

```
[ { "ErrorMessage": null, "DisplayText": "Annual Business Plan Due", "InternalControlName": "ABPReportingDayNumber" } ]
```

Return Class

```
public class DWTimeSummary { public string ErrorMessage { get; set; } public string DisplayText { get; set; } public string InternalControlName { get; set; } }
```

Currency

Request URL	Request Type	Request Body	Description	Permission
[Base API URL]/api/client/get/currency	GET	{ "CurrencyKeys": [int CurrencyKey, int CurrencyKey] }	Returns a grouping of currencies.	CanViewConfigurationAPIData CanPullDataByAPI

Example

Body: {
"CurrencyKeys": []
}

Result:

```
[ { "CurrencyKey": 1, "CurrencyID": 39, "CurrencySymbol": "£", "CurrencyName": "Sterling", "CurrencyCode": "GBP" } ]
```

Return Class

```
public class DWCurrencySummary { public short CurrencyKey { get; set; } public int CurrencyID { get; set; } public string CurrencyCode { get; set; } public string CurrencyName { get; set; } public string CurrencySymbol { get; set; } }
```


Custom Form

Request URL	Request Type	Request Body	Description	Permission
[Base API URL]/api/client/get/customform	GET	{"CustomFormIDs": [int CustomFormID], "UserDefinedKeyIDs": [int UserDefinedKeyID], "UserDefinedTypeIDs": [int UserDefinedTypeID]}	Returns a grouping of custom forms.	CanViewCustomForm CanPullDataByAPI

Example

Body: {
 "CustomFormIDs": [],
 "UserDefinedKeyIDs": [],
 "UserDefinedTypeIDs": [],
 "LastUpdateDate": "2022-01-11"}

Result:

```
[ {      "CustomFormInsertDate": "2024-12-05T00:18:36.033Z",      "IsVisible": false,      "UserDefinedKeyID": 790,      "UserDefinedTypeID": 18,      "CustomFormID": 28,      "CustomFormUserDefinedFieldUpdateDate": "2024-12-11T01:13:44.133Z",      "CustomFormUserDefinedFieldInsertDate": "2024-12-05T00:18:38.273Z",      "CustomFormUpdateDate": "2024-12-05T00:18:57.557Z",      "UserDefinedControlTypeID": 1,      "ControlID": 2000,      "ShowInGrid": true,      "IsDefault": true,      "SortNumber": 0,      "CustomFormUDKID": 52,      "CustomUserDefinedFieldFormUpdatedBy": "user@pereviewsoftware.com",      "CustomFormUpdatedBy": "user@pereviewsoftware.com",      "UpperName": "NAME",      "Name": "Name",      "SelectableValues": null,      "ControlType": "Small Text",      "TypeName": "CustomForm",      "FormCategoryName": "Asset",      "FormName": "Test Form" } ]
```

Return Class

```
public class DWCustomFormSummary { public int CustomFormID { get; set; } public string FormName { get; set; } public string FormCategoryName { get; set; } public bool IsVisible { get; set; } public Nullable<int> CustomFormUDKID { get; set; } public Nullable<int> SortNumber { get; set; } public Nullable<bool> IsDefault { get; set; } public Nullable<bool> ShowInGrid { get; set; } public int UserDefinedTypeID { get; set; } public string TypeName { get; set; } public int UserDefinedKeyID { get; set; } public Nullable<int> ControlID { get; set; } public Nullable<int> UserDefinedControlTypeID { get; set; } public string ControlType { get; set; } public string SelectableValues { get; set; } public string Name { get; set; } public string UpperName { get; set; } public System.DateTime CustomFormInsertDate { get; set; } public Nullable<System.DateTime> CustomFormUpdateDate { get; set; } public string CustomFormUpdatedBy { get; set; } public Nullable<System.DateTime> CustomFormUserDefinedFieldInsertDate { get; set; } public Nullable<System.DateTime> CustomFormUserDefinedFieldUpdateDate { get; set; } public string CustomUserDefinedFieldFormUpdatedBy { get; set; } }
```

Custom Form Detail

Request URL	Request Type	Request Body	Description	Permission
[Base API URL]/api/client/get/customformdetail	GET	{"CustomFormIDs": [int CustomFormID], "CustomFormDetailIDs": [int CustomFormDetailID],}	Returns a grouping of custom form details.	CanViewCust CanPullDataE

Example

Body: {

```
"CustomFormIDs": [],
"CustomFormDetailIDs": [],
"LastUpdateDate": "2022-01-11"}
```

Result:

```
[ {      "FormDetailInsertDate": "2025-02-04T16:18:00.193Z",      "CustomFormDetailID": 8,
"CustomFormID": 38,      "FormDetailUpdateDate": "2025-03-18T01:19:31.727Z",
"FormAttributeValueUpdateDate": null,      "FormAttributeValueInsertDate": null,
"FormValueUpdateDate": "2025-03-18T01:19:31.643Z",      "FormValueInsertDate": "2025-02-
04T16:18:00.227Z",      "UserDefinedKeyAttributeID": null,      "CustomFormUserDefinedAttributeID":
null,      "IsCompanyName": false,      "IsEmail": false,      "IsPhone": false,
"UserDefinedKeyID": 805,      "CustomFormUserDefinedValueID": 47,      "CustomFormUDKID": 62,
"LoanID": null,      "FundID": null,      "PortfolioID": null,      "AcquisitionID": null,
"AssetID": 1,      "FormUpdatedBy": "user@pereviewsoftware.com",
"FormAttributeValueUpdatedBy": null,      "FormValueUpdatedBy": "user@pereviewsoftware.com",
"AttributeUpperValue": null,      "AttributeUpperName": null,      "AttributeValue": null,
"AttributeName": null,      "UpperValue": "TAX RETURN",      "UpperName": "NAME",      "Value":
"Tax Return",      "Name": "Name",      "LoanName": null,      "FundName": null,
"PortfolioName": null,      "AcquisitionName": null,      "AssetName": "101 California Street" } ]
```

Return Class

```
public class DWCustomFormDetailSummary { public int CustomFormID { get; set; } public int
CustomFormDetailID { get; set; } public Nullable<int> AssetID { get; set; } public string AssetName {
get; set; } public Nullable<int> AcquisitionID { get; set; } public string AcquisitionName { get; set; }
public Nullable<int> PortfolioID { get; set; } public string PortfolioName { get; set; } public
Nullable<int> FundID { get; set; } public string FundName { get; set; } public Nullable<int> LoanID {
get; set; } public string LoanName { get; set; } public Nullable<int> CustomFormUDKID { get; set; }
public Nullable<int> CustomFormUserDefinedValueID { get; set; } public Nullable<int> UserDefinedKeyID {
get; set; } public Nullable<bool> IsPhone { get; set; } public Nullable<bool> IsEmail { get; set; }
public Nullable<bool> IsCompanyName { get; set; } public Nullable<int> CustomFormUserDefinedAttributeID {
get; set; } public Nullable<int> UserDefinedKeyAttributeID { get; set; } public string Name { get; set; }
public string Value { get; set; } public string UpperName { get; set; } public string UpperValue { get;
set; } public string AttributeName { get; set; } public string AttributeValue { get; set; } public string
AttributeUpperName { get; set; } public string AttributeUpperValue { get; set; } public
Nullable<System.DateTime> FormValueInsertDate { get; set; } public Nullable<System.DateTime>
```

```
FormValueUpdateDate { get; set; } public string FormValueUpdatedBy { get; set; } public
Nullable<System.DateTime> FormAttributeValueInsertDate { get; set; } public Nullable<System.DateTime>
FormAttributeValueUpdateDate { get; set; } public string FormAttributeValueUpdatedBy { get; set; } public
System.DateTime FormDetailInsertDate { get; set; } public Nullable<System.DateTime> FormDetailUpdateDate
{ get; set; } public string FormUpdatedBy { get; set; } }
```

Custom Form Property Type

Request URL	Request Type	Request Body	Description
[Base API URL]/api/client/get/customformpropertytype	GET	{ "CustomFormPropertyTypeIDs": [int CustomFormPropertyTypeID], "CustomFormIDs": [int CustomFormID], "PropertyTypeIDs": [int PropertyTypeID] }	Returns a grouping of custom form property types.

Example

```
Body: {
  "CustomFormPropertyTypeIDs": [],
  "CustomFormIDs": [],
  "PropertyTypeIDs": [],
  "LastUpdateDate": "2022-01-11"
}
Result:
[ {      "InsertDate": "2025-02-03T02:52:16.733Z",      "PropertyTypeID": 209,
  "CustomFormID": 38,      "CustomFormPropertyTypeID": 22,      "UpdateDate": "2025-02-
03T02:52:16.733Z",      "UpdateBy": "user@pereviewsoftware.com",      "FormName": "Tax Returns" }
]
```

Return Class

```
public class DWCustomFormPropertyTypeSummary { public int CustomFormPropertyTypeID { get; set; } public
int CustomFormID { get; set; } public string FormName { get; set; } public int PropertyTypeID { get; set;
} public System.DateTime InsertDate { get; set; } public Nullable<System.DateTime> UpdateDate { get; set;
} public string UpdateBy { get; set; } }
```

Deleted Records

Request URL	Request Type	Request Body	Database Procedure
[Base API URL]/api/client/get/deletedrecords	GET	<pre>{"PrimaryIDs":[string PrimaryID, string PrimaryID], "SecondaryIDs": [string SecondaryID, string SecondaryID], "UserNames":[string UserName, string UserName], "EventDateTimeStart": DateTime EventDateTimeStart, "EventDateTimeEnd": DateTime EventDateTimeEnd}</pre>	DW.Reporting.uspDeletedRecord:

Mapping

[Deleted Records Mapping.xlsx](#)

Example

Body: {
 "PrimaryIDs":[
 "SecondaryIDs":[
 "UserNames":[
 "EventDateTimeStart":null,
 "EventDateTimeEnd":null,
 "DeleteTable": ""
}
Result:
[{ "EventDateTime": "2023-05-30T16:52:41Z", "LogId": 738068, "SecondaryID": "3056", "PrimaryID": "239",
 "DeleteTable": "Acquisition Party Role ", "Subdomain": "examplesite.com", "UserName": "email@email.com" }
]

Return Class

```
public class DWDeletedRecordsSummary { public int LogId { get; set; } public DateTime EventDateTime {
get; set; } public string UserName { get; set; } public string Subdomain { get; set; } public string
DeleteTable { get; set; } public string PrimaryID { get; set; } public string SecondaryID { get; set; }
}
```

Development User Defined Value (Custom Fields)

Request URL	Request Body	Database View
[Base API URL]/api/client/get/development/userdefinedvalue	{"AssetKeys":[int AssetKey, int AssetKey], "LastUpdateDate": date LastUpdateDate}	vwDevelopmentUserDefinedValu

Example

Body: {
"AssetKeys":[],
"LastUpdateDate": "2023-03-27"
}
Result:
[{ "UserDefinedKeyID": 373, "DevelopmentUserDefinedValueID": 72, "AssetKey": 164, "LastUpdateDate": "2023-03-27T16:28:43.573Z", "Name": "Dev Test Large Txt", "Value": "test" }]

Return Class

```
public class DWDevelopmentUserDefinedValueSummary { public int AssetKey { get; set; } public string Value { get; set; } public string Name { get; set; } public DateTime? LastUpdateDate { get; set; } public int DevelopmentUserDefinedValueID { get; set; } public int UserDefinedKeyID { get; set; } }
```

Disposition

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/disposition	{"DispositionIDs": [int DispositionID, int DispositionID], "LastUpdateDate": date LastUpdateDate}	vwDisposition	Data associated with the disposition of one or more properties.	CanViewDisposition CanPullDataByAPI

Example

Body: {
"DispositionIDs":[],
"LastUpdateDate": "2018-01-12"
}
Result:
[{ "ProjectedDispositionDate": "2018-01-31T00:00:00Z", "ProjectedDispositionAmount": 500000.0000, "DispositionStageID": 1, "DispositionID": 10, "FinalUnLeveragedIRR": null, "FinalProfitAmount": null,

```
"FinalLeveragedIRR": null, "LastUpdateDate": "2018-01-12T21:49:47.353Z", "TotalDebtOutstanding":
100000.0000, "ProjectedClosingCosts": 20000.0000, "FinalDispositionAmount": 500000.0000, "ExitCAPRate":
null, "EstimatedUnLeveragedIRR": 15.000000, "EstimatedLeveragedIRR": 20.000000, "BrokersOpinionOfValue":
300000.0000, "BrokerFeePercent": 2.00000000, "AllInGrossPurchasePrice": 550000.0000, "EquityMultiple":
null, "DispositionName": "Dallas Galleria Tower I Dispo" } ]
```

Return Class

```
public class DWDispositionSummary { public int DispositionID { get; set; } public decimal?
AllInGrossPurchasePrice { get; set; } public decimal? BrokerFeePercent { get; set; } public decimal?
BrokersOpinionOfValue { get; set; } public decimal? EstimatedLeveragedIRR { get; set; } public decimal?
EstimatedUnLeveragedIRR { get; set; } public decimal? ExitCAPRate { get; set; } public decimal?
FinalDispositionAmount { get; set; } public decimal? ProjectedClosingCosts { get; set; } public decimal
ProjectedDispositionAmount { get; set; } public decimal? TotalDebtOutstanding { get; set; } public
DateTime? LastUpdateDate { get; set; } public string DispositionName { get; set; } public int
DispositionStageID { get; set; } public string EquityMultiple { get; set; } public decimal?
FinalLeveragedIRR { get; set; } public decimal? FinalProfitAmount { get; set; } public decimal?
FinalUnLeveragedIRR { get; set; } public DateTime ProjectedDispositionDate { get; set; } }
```

Disposition Buyer

Request URL	Request Body	Database View	Description	Permissions
[Base API URL]/api/client/get/disposition/buyer	{"DispositionIDs": [int DispositionID, int DispositionID], "LastUpdateDate": date LastUpdateDate}	vwDispositionBuyer	Various buyers who may be interested in purchasing a property being disposed.	CanView CanPurchase

Example

```
Body: {
"DispositionIDs": [],
"LastUpdateDate": "2017-06-09"
}
```

Result:

```
[ { "OfferAmount": 51000000.0000, "OfferDate": "2019-02-28T00:00:00Z", "AssetKey": 18, "AssetId": 18,
"DispositionID": 13, "DepositAmount": null, "LastUpdateDate": "2019-08-27T20:34:55.613Z", "OfferType":
"Initial Offer", "OfferStatus": "The initial offer", "BuyerStatus": "Active", "BuyerType":
"Institutional", "BuyerName": "JPM" } ]
```

Return Class

```
public class DWDispositionBuyerSummary { public int DispositionID { get; set; } public int AssetId {
```

Disposition Comment

Example

Result:

Return Class

Disposition Property

Request URL	Request Body	Database View	Descriptio
[Base API URL]/api/client/get/disposition/property	<pre>{ "DispositionIDs": [int DispositionID, int DispositionID], "DispositionPropertyIDs": [int DispositionPropertyID, int DispositionPropertyID], "PropertyKeys": [int PropertyKey, int PropertyKey], "AssetKeys": [int AssetKey, int AssetKey], "LastUpdateDate": date LastUpdateDate }</pre>	vwDispositionProperty	One or more properties associated with the disposition

Example

Body: {
 "DispositionPropertyIDs": [],
 "DispositionIDs": [],
 "PropertyKeys": [386],
 "AssetKeys": [],
 "LastUpdateDate": "2022-06-14"
}

Result:

```
[ { "ProjectedDispositionAmount": 20300000.0000, "ProjectedDispositionDate": "2016-04-12T00:00:00Z",
  "DispositionStageSortNumber": 3, "AssetID": 18, "PropertyID": 57, "AssetKey": 18, "PropertyKey": 55,
  "DispositionID": 5, "DispositionPropertyID": 66, "ExitCAPRate": 5.50000000, "EstimatedUnLeveragedIRR":
  null, "EstimatedLeveragedIRR": 124.000000, "AllInGrossPurchasePrice": 11998125.0000,
  "TotalDebtOutstanding": 6654007.0000, "ProjectedClosingCosts": 150000.0000, "BrokerFee": 0.00000000,
  "FinalUnLeveragedIRR": 99.000000, "FinalLeveragedIRR": 56.000000, "FinalProfitAmount": 7000000.0000,
  "FinalDispositionAmount": 19500000.0000, "LastUpdateDate": "2022-11-16T21:53:38.447Z",
  "PropertyDispositionDate": "2018-12-30T00:00:00Z", "FinalDispositionDate": null,
  "EstimatedUnleveragedMOIC": null, "EstimatedLeveragedMOIC": "1.5x", "Region": "Austin",
  "DispositionStageDescription": "Marketing", "DispositionName": "2901 N Central Avenue" } ]
```

Return Class

```
public class DWDispositionPropertySummary { public int DispositionPropertyID { get; set; } public int
DispositionID { get; set; } public string DispositionName { get; set; } public int PropertyKey { get;
set; } public string DispositionStageDescription { get; set; } public short DispositionStageSortNumber {
get; set; } public DateTime? FinalDispositionDate { get; set; } public DateTime? PropertyDispositionDate
{ get; set; } public int AssetKey { get; set; } public int PropertyID { get; set; } public DateTime?
LastUpdateDate { get; set; } public string Region { get; set; } public decimal? FinalDispositionAmount {
get; set; } public decimal? FinalProfitAmount { get; set; } public decimal? FinalLeveragedIRR { get; set;
} public decimal? FinalUnLeveragedIRR { get; set; } public string EstimatedLeveragedMOIC { get; set; }
```



```
public decimal? BrokerFee { get; set; } public DateTime ProjectedDispositionDate { get; set; } public decimal ProjectedDispositionAmount { get; set; } public decimal? ProjectedClosingCosts { get; set; } public decimal? TotalDebtOutstanding { get; set; } public decimal? AllInGrossPurchasePrice { get; set; } public decimal? EstimatedLeveragedIRR { get; set; } public decimal? EstimatedUnLeveragedIRR { get; set; } public string EstimatedUnleveragedMOIC { get; set; } public decimal? ExitCAPRate { get; set; } public int AssetID { get; set; } }
```

Disposition Role

Request URL	Request Body	Database View	Description	Permissions
[Base API URL]/api/client/get/disposition/role	<pre>{ "DispositionIDs": [{ "DispositionID": 1, "LastUpdateDate": "2016-03-05T04:32:21.410Z" }] }</pre>	vwDispositionRole	Internal roles and external roles like third parties associated with the disposition.	CanViewD CanPullDa

Example

```
Body: {
  "DispositionIDs": [3],
  "LastUpdateDate": null
}
Result:
[ { "DispositionID": 3, "LastUpdateDate": "2016-03-05T04:32:21.410Z", "RoleCode": "DispositionOfficer",
  "PrincipalParty": "Pereview Real Estate", "ActingParty": "Brown, Jim", "RoleDescription": "Disposition Officer" } ]
```

Return Class

```
public class DWDispositionRoleSummary { public int DispositionID { get; set; } public string RoleDescription { get; set; } public string ActingParty { get; set; } public string PrincipalParty { get; set; } public string RoleCode { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Disposition User Defined Value (Custom Fields)

Request URL	Request Body	Database View
[Base API URL]/api/client/get/disposition/userdefinedvalue	<pre>{ "DispositionIDs": [{ "DispositionID": 5, "LastUpdateDate": "2023-11-22T16:07:53.010Z" }] }</pre>	vwDispositionUserDefinedValue

Example

Body: {
 "DispositionIDs": [],
 "LastUpdateDate": null
}

Result:

```
[ { "UserDefinedKeyID": 396, "DispositionUserDefinedValueID": 21, "DispositionID": 5, "LastUpdateDate": "2023-11-22T16:07:53.010Z", "Name": "Dis Test Person Contact", "Value": "new person" } ]
```

Return Class

```
public class DWDispositionUserDefinedValueSummary {  
  public int DispositionID { get; set; }  
  public string Value { get; set; }  
  public string Name { get; set; }  
  public DateTime? LastUpdateDate { get; set; }  
  public int DispositionUserDefinedValueID { get; set; }  
  public int UserDefinedKeyID { get; set; }  
}
```

Financial Asset/Acquisition Model

Request URL	Request Type	Request Body	Database View
[Base API URL]/api/client/get/financialmodel/model	GET	<pre>{ "AssetKey": integer AssetKey, "AcquisitionID": integer AcquisitionID, "AssetName": string AssetName, "AcquisitionName": string AcquisitionName, "Year": integer Year, "ScenarioName": string ScenarioName, "LastUpdateDate": date LastUpdateDate }</pre>	vwAssetAcquisitionModel

Example

Body: {
"AssetKey": null,
"AcquisitionID": null,
"AssetName": "",
"AcquisitionName": "",
"Year": null,
"ScenarioName": "",
"LastUpdateDate": null
}

Result:
[{ "AssetAcquisitionModelID": 1, "LastUpdateDate": "2016-05-15T07:55:29.403Z", "AssetKey": 94, "InsertDate": "2016-05-15T07:55:29.403Z", "Year": 2014, "AcquisitionID": null, "AssetID": 106, "AssetName": "1 2451 N Stemmons Freeway", "AcquisitionName": null, "ModelName": "CommercialModelBase Case-2014", "ModelTypeDescription": "Valuations", "ScenarioName": "Base Case" }]

Return Class

```
public class DWAssetAcquisitionModelSummary {
    public int AssetAcquisitionModelID { get; set; }
    public int? AssetID { get; set; }
    public int? AcquisitionID { get; set; }
    public string ScenarioName { get; set; }
    public int? Year { get; set; }
    public string ModelTypeDescription { get; set; }
    public string ModelName { get; set; }
    public DateTime? InsertDate { get; set; }
    public string AcquisitionName { get; set; }
    public string AssetName { get; set; }
    public int? AssetKey { get; set; }
    public DateTime? LastUpdateDate { get; set; }
}
```

Financial Model Data

Request URL	Request Type	Request Body	Database View	Description
[Base API URL]/api/client/get/financialmodel/data	GET	{"AssetAcquisitionModelID": integer AssetAcquisitionModelID, "LastUpdateDate": date LastUpdateDate}	vwModelDetail	Ret grc of f mo

Example

Body: {
"AssetAcquisitionModelID": 38,
"LastUpdateDate": null
}
Result:
[{ "ModelDetailID": 1197394, "LastUpdateDate": "2017-04-04T15:18:29.857Z", "AssetKey": null, "AcquisitionID": 248, "InsertDate": "2016-07-04T12:28:33.380Z", "Year": 2016, "AssetAcquisitionModelID": 38, "AssetName": null, "AcquisitionName": "The Saxony", "ScenarioName": "Q2", "ModelTypeDescription": "Underwriting", "ModelName": "MultifamilyModelQ2-2016", "MetricType": "date", "MetricValue": "42430 ", "MetricName": "ProjectionsStartDate", "Group5": null, "Group4": null, "Group3": null, "Group2": null, "Group1": "CashFlow" }]

Return Class

```
public class DWFinancialModelDataSummary { public int? AssetAcquisitionModelID { get; set; } public string Group1 { get; set; } public string Group2 { get; set; } public string Group3 { get; set; } public string Group4 { get; set; } public string Group5 { get; set; } public string MetricName { get; set; } public string MetricValue { get; set; } public string MetricType { get; set; } public int ModelDetailID { get; set; } public string ModelName { get; set; } public string ModelTypeDescription { get; set; } public string ScenarioName { get; set; } public int? Year { get; set; } public DateTime? InsertDate { get; set; } public string AcquisitionName { get; set; } public string AssetName { get; set; } public int? AcquisitionID { get; set; } public int? AssetKey { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Financial Model Scenarios

Request URL	Request Type	Request Body	Description	Permission
[Base API URL]/api/client/get/scenario	GET	{"ScenarioKeys": [integer ScenarioKeys], "LastUpdateDate": date LastUpdateDate}	Returns a grouping of financial model scenarios.	CanViewAccountingAPIData, CanPullDataByAPI

Example

```
Body: {
"ScenarioKeys": [1],
"LastUpdateDate": null
}
Result:
[ { "ScenarioKey": 1, "LastUpdateDate": "2015-12-22T14:58:06.313Z", "ScenarioDescription": "Actuals" } ]
```

Return Class

```
public class DWScenarioSummary { public short ScenarioKey { get; set; } public string
ScenarioDescription { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Financial Transaction

Request URL	Request Body	Database View	Descripti
[Base API URL]/api/client/get/financial/transaction	{"AccountKeys": [int AccountKey, int AccountKey], "SubAssetKeys": [int SubAssetKey, int SubAssetKey], "PortfolioKeys": [int PortfolioKey, int PortfolioKey], "StartDate": [DateTime? StartDate], "EndDate": [DateTime? EndDate], "LastUpdateDate": date LastUpdateDate, "PageSize": int? PageSize, "RequestedPageNumber": int? RequestedPageNumber}	vwFinancialTransaction	The general ledger detailed transaction history.

Example

Body: {

```
"AccountKeys": [],
"SubAssetKeys": [],
"PortfolioKeys": [],
"StartDate": "2016-10-01",
"EndDate": "2024-10-02",
"LastUpdateDate": null,
"PageSize": 200,
"RequestedPageNumber": 10
}
```

Result:

```
[ { "PortfolioKey": 14, "SubAssetKey": 31, "AccountKey": 3005, "SourceTransactionID": 254891830,
"TotalPages": 9051, "CurrentPage": 10, "PageSize": 200, "TotalCount": 1810047, "LastUpdateDate": "2018-
10-01T20:23:04.463Z", "TransactionAmount": 456.9855, "PostDate": "2016-10-01T00:00:00Z", "EntryDate":
"2015-02-01T00:00:00Z", "CategoryDescription": null, "PMCAccountCode": null, "AccountingSoftwareName":
null, "TransactionNotes": null, "ReferenceNumber": null, "CurrencyName": "United States Dollar",
"CurrencyCode": "USD", "TransactionTypeDescription": "Journal Entry", "ScenarioDescription": "Budget",
"AssetName": "1 101 California Street", "AccountingCode": "PV02117756", "BookTypeDescription": "Accrual",
"AccountDescription": "A/R-Miscellaneous", "AccountCode": "11010099" } ]
```

Return Class

```
public class DWFinancialTransactionSummary { public int AccountKey { get; set; } public string
AccountCode { get; set; } public string AccountDescription { get; set; } public string
BookTypeDescription { get; set; } public string AccountingCode { get; set; } public string AssetName {
get; set; } public int SubAssetKey { get; set; } public int PortfolioKey { get; set; } public string
ScenarioDescription { get; set; } public string TransactionTypeDescription { get; set; } public long
SourceTransactionID { get; set; } public string CurrencyCode { get; set; } public string CurrencyName {
get; set; } public DateTime? EntryDate { get; set; } public DateTime? PostDate { get; set; } public
string ReferenceNumber { get; set; } public decimal? TransactionAmount { get; set; } public string
TransactionNotes { get; set; } public string AccountingSoftwareName { get; set; } public string
PMCAccountCode { get; set; } public string CategoryDescription { get; set; } public DateTime?
LastUpdateDate { get; set; } public int? TotalCount { get; set; } public int? PageSize { get; set; }
public int? CurrentPage { get; set; } public int? TotalPages { get; set; } }
```

Fund

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/fund	{ "FundKeys":[int FundKey, int FundKey], "AccountingCode": string AccountingCode, "LastUpdateDate": date LastUpdateDate, "IsActive": boolean IsActive}	vwFund	Master table for fund data.	CanViewOwnershipAPIData, CanPullDataByAPI

Example

Body: {

```
"FundKeys":[1],
"AccountingCode": "",
"LastUpdateDate": null,
"IsActive": true
}
```

Result:

```
[ { "IsActive": true, "ExcludeFromMap": false, "FundID": 1, "FundKey": 1, "LastUpdateDate": "2022-12-30T18:58:18.270Z", "SecondClosingDate": "2020-12-31T00:00:00Z", "InitialInvestmentDate": null, "FundInceptionDate": "2016-12-01T00:00:00Z", "CurrencyCode": "USD", "FundRegionName": "USA", "FundLayoutDescription": "Default", "FundAlias": "Pereview I", "FundAccountingCode": "PereviewI", "FundTypeDescription": "Single Client Account", "FundName": "Pereview I" } ]
```

Return Class

```
public class DWFundSummary { public int FundKey { get; set; } public string FundName { get; set; }
public int FundID { get; set; } public string FundTypeDescription { get; set; } public string
FundAccountingCode { get; set; } public string FundAlias { get; set; } public DateTime? FundInceptionDate
{ get; set; } public DateTime? InitialInvestmentDate { get; set; } public DateTime? SecondClosingDate {
get; set; } public string FundLayoutDescription { get; set; } public string FundRegionName { get; set; }
public string CurrencyCode { get; set; } public bool ExcludeFromMap { get; set; } public DateTime?
LastUpdateDate { get; set; } public bool IsActive { get; set; } }
```

Fund Critical Date

Request URL	Request Type	Request Body	Description	Permission
[Base API URL]/api/client/get/fund/criticaldates	GET	{"FundKeys": [integer AssetKey], "LastUpdatedDate": string DateTime}	Returns a grouping of fund critical date models.	CanViewOwnership CanPullDataByAPI

Example

Body: {
"FundKeys":[],
"LastUpdatedDate": "2022-07-01"
}
Result:
[{ "UpdateDate": "2022-08-18T19:34:57.410Z", "CriticalDateValue": "2025-01-01T00:00:00Z", "FundKey": 3, "CriticalDateCode": "MoneyHard", "FunctionName": "Fund Management" }]

Return Class

```
public class DWFundCriticalDateSummary { public int FundKey { get; set; } public string FunctionName { get; set; } public string CriticalDateCode { get; set; } public DateTime CriticalDateValue { get; set; } public DateTime UpdateDate { get; set; } }
```

Fund Ownership

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/fund/ownership	{"FundKeys":[int FundKey, int FundKey], "LastUpdateDate": date LastUpdateDate}	vwFundOwnership	Master table for fund data.	CanViewC CanPullDa

Example

Body: {
"FundKeys":[66],
"LastUpdateDate": null
}
Result:
[{ "StartDate": "2020-01-01T00:00:00Z", "ChildFundID": 96, "FundOwnershipID": 35, "ChildFundKey": 70, "LastUpdateDate": null, "EndDate": "2020-10-31T00:00:00Z", "OwnedPercent": 15.000000, "ParentFundID": 85, "ParentFundKey": 66, "ChildFundName": "Test_Fund_II_20210824", "ParentFundName": "Fund D" }]

Return Class

```
public class DWFundOwnershipSummary { public int? ParentFundKey { get; set; } public int ChildFundKey {
get; set; } public int FundOwnershipID { get; set; } public int? ParentFundID { get; set; } public int
ChildFundID { get; set; } public string ParentFundName { get; set; } public string ChildFundName { get;
set; } public decimal? OwnedPercent { get; set; } public DateTime StartDate { get; set; } public
DateTime? EndDate { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Fund User Defined Value (Custom Fields)

Request URL	Request Body	Database View	Description
[Base API URL]/api/client/get/fund/userdefinedkeys	{ "FundKeys": [int FundKey, int FundKey], "LastUpdateDate": date LastUpdateDate }	vwFundUserDefinedValue	Any custom, user-defined fields and values for the fund.

Example

```
Body: {
  "FundKeys": [135],
  "LastUpdatedDate": null
}
```

```
Result:
[ { "UserDefinedKeyID": 399, "FundUserDefinedValueID": 32, "FundKey": 135, "LastUpdateDate": "2023-02-17T16:00:58.197Z", "Name": "Fund Test Small Txt", "Value": "test" } ]
```

Return Class

```
public class DWFundUserDefinedKeySummary { public string Value { get; set; } public string Name { get;
set; } public DateTime? LastUpdateDate { get; set; } public int FundKey { get; set; } public int
FundUserDefinedValueID { get; set; } public int UserDefinedKeyID { get; set; } }
```

Geography

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/geography	{ "NCREIFGeographyKeys": [int NCREIFGeographyKey, int NCREIFGeographyKey], "LastUpdateDate": date LastUpdateDate}	vwGeography	NCREIF geography data.	CanViewCor CanPullData

Example

Body: {

"NCREIFGeographyKeys": [],

"LastUpdateDate": "2022-03-01"

}

Result:

```
[ { "NCREIFGeographyKey": 52, "LastUpdateDate": "2022-03-21T05:15:07.007Z", "CountryName": "Germany",
  "NCREIFDivisionName": null, "NCREIFRegionName": null, "StateProvinceAbbreviation": "DEHE",
  "StateProvinceName": "Hesse" } ]
```

Return Class

```
public class DWGeographySummary { public int NCREIFGeographyKey { get; set; } public string
StateProvinceName { get; set; } public string StateProvinceAbbreviation { get; set; } public string
NCREIFRegionName { get; set; } public string NCREIFDivisionName { get; set; } public string CountryName {
get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Hospitality Benchmark

Request URL	Request Body	Database View	Description
[Base API URL]/api/client/get/asset/hospitality	{ "HospitalityBenchmarkKeys": [int HospitalityBenchmarkKey, int HospitalityBenchmarkKey], "AssetKeys": [int AssetKey, int AssetKey], "LastUpdateDate": date LastUpdateDate}	vwHospitalityBenchmark	Hospita Benchmr values.

Example

Body: {

"AssetKeys": [],

"HospitalityBenchmarkKeys": [141],

"LastUpdateDate": null

}

Result:

```
[ { "AssetKey": 507, "HospitalityBenchmarkKey": 141, "AsOfDay": "2022-02-01T00:00:00Z", "UpdateDate": "2022-05-02T15:39:52.397Z", "RevPARChangePercent": null, "ADRChangePercent": 35.8000, "OccupancyChangePercent": 100.0000, "RevPARAmount": 97.7300, "ADRAmount": 149.6800, "OccupancyPercent": 65.3000, "BenchmarkSegmentDescription": null, "TimePeriodDescription": "Daily", "BenchmarkSourceDescription": "My Property", "AssetName": "The Death Star", "BenchmarkSourceCode": "66639" } ]
```

Return Class

```
public class DWHospitalityBenchmarkSummary { public int HospitalityBenchmarkKey { get; set; } public int AssetKey { get; set; } public decimal? OccupancyPercent { get; set; } public decimal? ADRAmount { get; set; } public decimal? RevPARAmount { get; set; } public decimal? OccupancyChangePercent { get; set; } public decimal? ADRChangePercent { get; set; } public decimal? RevPARChangePercent { get; set; } public DateTime? UpdateDate { get; set; } public string BenchmarkSourceCode { get; set; } public string AssetName { get; set; } public string BenchmarkSourceDescription { get; set; } public string TimePeriodDescription { get; set; } public string BenchmarkSegmentDescription { get; set; } public DateTime? AsOfDay { get; set; } }
```

Interest Rate History

Request URL	Request Body	Database View	Description	Permissions
[Base API URL]/api/client/get/rate/history	{"InterestRateHistoryKeys": [int InterestRateHistoryKey, int InterestRateHistoryKey], "StartDate": [DateTime? StartDate], "EndDate": [DateTime? EndDate], "LastUpdateDate": date LastUpdateDate}	vwInterestRateHistory	A monthly history of interest rate changes.	Ca Ca

Example

```
Body: {
  "InterestRateHistoryKeys": [],
  "StartDate": "2000-01-01",
  "EndDate": "2020-01-01",
  "LastUpdateDate": "2018-04-15"
}
```

Result:

```
[ { "InterestRate": 4.14714000, "PostDate": "2018-04-30T00:00:00Z", "InterestRateHistoryID": 1220, "LastUpdateDate": "2018-04-20T06:00:06.543Z", "ErrorMessage": null, "InterestRateName": "FNMA 30-Year Mandatory Delivery Commitment 60 Days", "RateTypeDescription": "Spot Rate", "RateTypeCode": "spot" } ]
```

Return Class

```
public class DWInterestRateHistorySummary { public int InterestRateHistoryID { get; set; } public string
```

```
RateTypeCode { get; set; } public string RateTypeDescription { get; set; } public string InterestRateName { get; set; } public DateTime PostDate { get; set; } public decimal InterestRate { get; set; } public string ErrorMessage { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Lease

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/lease	{"LeaseKeys":[int LeaseKey, int LeaseKey], "LastUpdateDate": date LastUpdateDate}	vwLease	Master table for lease data.	CanViewLeaseAPIData, CanPullDataByAPI

Example

```
Body: {
  "LeaseKeys":[],
  "LastUpdateDate": "2020-03-02"
}
```

```
Result:
[ { "LeaseKey": 15819, "TenantExecutionDate": null, "LastUpdateDate": "2023-09-27T20:16:23.980Z",
  "CompanyID": 1290, "RenewalEndDate": null, "RenewalStartDate": null, "LeaseStatusIsActive": true,
  "AbstractDate": null, "TICostAmount": null, "TIAAllowancePerAreaAmount": null, "DaysToAuditNumber": null,
  "IsRightToAudit": null, "ParkingStallsAllocatedNumber": null, "IsAnchorTenant": null,
  "TermInMonthsNumber": null, "IsMonthToMonth": false, "FirstOccupiedDate": null, "RentStartDate": null,
  "TenantBirthDate": null, "TenantID": 1047, "LeaseEndDate": "2026-12-01T00:00:00Z", "LeaseStartDate":
  "2015-12-01T00:00:00Z", "MarketRentAmount": null, "SourceTenantCode": null, "TenantCompanyName": "Green
  Valley Bank", "CompanyTypeDescription": null, "SpaceTypeDescription": null, "LeaseReasonDescription":
  "New", "LeaseStatusDescription": "Active", "LeaseTypeDescription": null, "CommissionComments": null,
  "TIAAllowanceComments": null, "ParkingComments": null, "LeaseComments": null, "SourceLeaseCode": "15819",
  "NAICSDescription": "Investments", "NAICSCode": "1014", "TenantPriorZipCode": null, "TenantPriorState":
  null, "TenantPriorCityName": null, "TenantPriorAddressLine2": null, "TenantPriorAddressLine1": null,
  "TenantName": "Green Valley Bank" } ]
```

Return Class

```
public class DWLeaseSummary { public int LeaseKey { get; set; } public decimal? MarketRentAmount { get;
set; } public DateTime? LeaseStartDate { get; set; } public DateTime? LeaseEndDate { get; set; } public
int? TenantID { get; set; } public string TenantName { get; set; } public DateTime? TenantBirthDate {
get; set; } public string TenantPriorAddressLine1 { get; set; } public string TenantPriorAddressLine2 {
get; set; } public string TenantPriorCityName { get; set; } public string TenantPriorState { get; set; }
public string TenantPriorZipCode { get; set; } public string NAICSCode { get; set; } public string
NAICSDescription { get; set; } public DateTime? RentStartDate { get; set; } public DateTime?
FirstOccupiedDate { get; set; } public bool? IsMonthToMonth { get; set; } public string SourceLeaseCode {
get; set; } public short? TermInMonthsNumber { get; set; } public string LeaseComments { get; set; }
public bool? IsAnchorTenant { get; set; } public short? ParkingStallsAllocatedNumber { get; set; } public
```

```
string ParkingComments { get; set; } public bool? IsRightToAudit { get; set; } public short? DaysToAuditNumber { get; set; } public decimal? TIAAllowancePerAreaAmount { get; set; } public string TIAAllowanceComments { get; set; } public decimal? TICostAmount { get; set; } public string CommissionComments { get; set; } public string LeaseTypeDescription { get; set; } public string LeaseStatusDescription { get; set; } public string LeaseReasonDescription { get; set; } public string SpaceTypeDescription { get; set; } public DateTime? AbstractDate { get; set; } public bool? LeaseStatusIsActive { get; set; } public DateTime? RenewalStartDate { get; set; } public DateTime? RenewalEndDate { get; set; } public string CompanyTypeDescription { get; set; } public int? CompanyID { get; set; } public string TenantCompanyName { get; set; } public DateTime? LastUpdateDate { get; set; } public string SourceTenantCode { get; set; } public DateTime? TenantExecutionDate { get; set; } }
```

Lease Activity

Request URL	Request Body	Database View	Description	Permiss
[Base API URL]/api/client/get/lease	{ "PropertyLeasingActivityKeys": [int PropertyLeasingActivityKey, int PropertyLeasingActivityKey], "LeasingActivityKeys": [int LeasingActivityKey, int LeasingActivityKey], "PropertyKeys": [int PropertyKey, int PropertyKey], "SessionIDs": [int SessionID, int SessionID], "LastUpdateDate": date LastUpdateDate }	vwLeasingActivities	Returns a grouping of lease activities.	CanView CanPull

Example

```
Body: {
  "PropertyLeasingActivityKeys": [10840],
  "LeasingActivityKeys": [],
  "PropertyKeys": [],
  "SessionIDs": [],
  "LastUpdateDate": null
}
```

```
Result:
[ { "PropertyLeasingActivityKey": 1, "PropertyKey": 1, "ReportingStartDate": "2023-09-27T20:16:23.980Z",
  "ReportingEndDate": "2023-09-27T20:16:23.980Z", "LeasingActivityKey": 1, "ActivityNumericAmount": 5.2,
  "ActivityText": null, "InsertDate": "2023-09-27T20:16:23.980Z", "UpdateDate": "2023-09-27T20:16:23.980Z",
  "UpdateBy": "JohnSmith@email.com", "SessionID": null, "UnitType": null, "PropertyID": 1, "PropertyName":
  "Test Property", "LeasingActivityDescription": null } ]
```

Return Class

```
public class DWLeasingActivitySummary { public int PropertyLeasingActivityKey { get; set; } public int PropertyKey { get; set; } public DateTime? ReportingStartDate { get; set; } public DateTime?
```

```
ReportingEndDate { get; set; } public int LeasingActivityKey { get; set; } public decimal?
ActivityNumericAmount { get; set; } public string ActivityText { get; set; } public DateTime InsertDate {
get; set; } public DateTime? UpdateDate { get; set; } public string UpdateBy { get; set; } public int?
SessionID { get; set; } public string UnitType { get; set; } public int? PropertyID { get; set; } public
string PropertyName { get; set; } public string LeasingActivityDescription { get; set; } }
```

Lease Amendment

Request URL	Request Body	Database View	
[Base API URL]/api/client/get/lease/amendment	{"PriorLeaseKeys":[int PriorLeaseKey, int PriorLeaseKey], "AmendedLeaseKeys":[int AmendedLeaseKey, int AmendedLeaseKey],"LastUpdateDate": date LastUpdateDate}	vwLeaseAmendment	

Example

```
Body: {
  "PriorLeaseKeys":[2633],
  "AmendedLeaseKeys":[],
  "LastUpdateDate": null
}
Result:
[ {      "AmendedLeaseKey": 3998,      "PriorLeaseKey": 2633,      "LeaseAmendmentID": 5,
  "UpdateDate": "2018-08-28T19:11:27.343Z",      "UnitArea": null,      "TermByMonths": null,
  "MoveInDate": null,      "ToDate": null,      "FromDate": null,      "StatusID": null,
  "TypeID": null,      "Description": null      } ]
```

Return Class

```
public class DWLeaseAmendmentSummary { public int LeaseAmendmentID{ get; set; } public int
PriorLeaseKey{ get; set; } public int AmendedLeaseKey { get; set; } public int?TypeID { get; set; }
public int? StatusID { get; set; } public DateTime? FromDate { get; set; } public DateTime? ToDate { get;
set; } public DateTime? MoveInDate { get; set; } public short? TermByMonths { get; set; } public
decimal? UnitArea { get; set; } public string Description { get; set; } public DateTime? UpdateDate {
get; set; } }
```

Lease Billing

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/lease/billing	{ "LeaseKeys":[int LeaseKey, int LeaseKey], "LastUpdateDate": date LastUpdateDate}	vwLeaseBilling	Lease charge schedule.	CanViewLeaseAPI CanPullDataByAPI

Example

Body: {

"LeaseKeys":[],

"LastUpdateDate": "2021-07-15"

}

Result:

```
[ { "BillAmount": 1048542.0000, "StartDate": "2020-05-01T00:00:00Z", "LeaseKey": 26133,
  "LastUpdateDate": "2021-09-15T16:54:43.697Z", "CityTaxAmount": null, "StateTaxAmount": null,
  "IsEntirePremise": null, "EndDate": "2024-05-01T00:00:00Z", "Comments": null, "BillingDescription": null,
  "FrequencyCode": "Annual", "Frequency": "Sales are reported or rent is paid annually", "ChargeType":
  "Contracted Rent" } ]
```

Return Class

```
public class DWLeaseBillingSummary { public int LeaseKey { get; set; } public string ChargeType { get;
set; } public string Frequency { get; set; } public string FrequencyCode { get; set; } public string
BillingDescription { get; set; } public DateTime StartDate { get; set; } public DateTime? EndDate { get;
set; } public decimal BillAmount { get; set; } public bool? IsEntirePremise { get; set; } public decimal?
StateTaxAmount { get; set; } public decimal? CityTaxAmount { get; set; } public string Comments { get;
set; } public DateTime? LastUpdateDate { get; set; } }
```

Lease Billing Unit

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/lease/billing/unit	{ "LeaseKeys":[int LeaseKey, int LeaseKey], "UnitKeys":[int UnitKey, int UnitKey], "LastUpdateDate": date LastUpdateDate}	vwLeaseBillingUnit	The unit associated with a specific lease charge schedule.	CanView CanPullID

Example

Body: {

"LeaseKeys":[],

"UnitKeys":[],

"LastUpdateDate": "2020-01-01"

}

Result:

```
[ { "BillAmount": 0.0000, "StartDate": "2019-03-31T00:00:00Z", "UnitKey": 2437, "UnitLeaseID": 5155,
"UnitID": 2568, "LeaseKey": 4525, "BillingID": 16418, "LastUpdateDate": "2020-05-21T20:48:16.837Z",
"EndDate": "2021-03-04T00:00:00Z", "MetricName": null, "BillingDescription": null, "Frequency": "Sales
are reported or rent is paid monthly", "FrequencyCode": "Month", "ChargeType": "Rent Concessions",
"ChargeCode": null } ]
```

Return Class

```
public class DWLeaseBillingUnitSummary { public int BillingID { get; set; } public int LeaseKey { get;
set; } public int UnitID { get; set; } public int UnitLeaseID { get; set; } public string ChargeCode {
get; set; } public string ChargeType { get; set; } public string FrequencyCode { get; set; } public
string Frequency { get; set; } public string BillingDescription { get; set; } public DateTime StartDate {
get; set; } public DateTime? EndDate { get; set; } public decimal BillAmount { get; set; } public string
MetricName { get; set; } public DateTime? LastUpdateDate { get; set; } public int UnitKey { get; set; }
}
```

Lease Clause

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/lease/clause	{ "LeaseKeys": [int LeaseKey, int LeaseKey], "LastUpdateDate": date LastUpdateDate }	vwLeaseClause	Lease clauses.	CanViewLeaseAPI CanPullDataByAP

Example

Body: {

"LeaseKeys":[],

"LastUpdateDate": "2017-05-13"

}

Result:

```
[ { "LeaseKey": 25, "LastUpdateDate": "2019-05-08T07:49:53.260Z", "ClauseDescription": "Additional Note
around the lease clause.", "ReferenceDescription": "reference 1.3", "ClauseTypeDescription": "Additional
Notes" } ]
```

Return Class

```
public class DWLeaseClauseSummary { public int LeaseKey { get; set; } public string
```



```
ClauseTypeDescription { get; set; } public string ReferenceDescription { get; set; } public string
ClauseDescription { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Lease Cost

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/lease/cost	{ "LeaseKeys":[int LeaseKey, int LeaseKey], "LastUpdateDate": date LastUpdateDate}	vwLeaseCost	Lease costs.	CanViewLeaseAPIData; CanPullDataByAPI

Example

Body: {
 "LeaseKeys":[
 "LastUpdateDate": "2017-05-13"
 }
 Result:

```
[ { "LeaseCostID": 13, "LeaseKey": 10, "ChargeReferenceId": 1 "ChargeType": "Misc", "PeriodDate": "2019-05-13T22:18:52.740Z", "CostAmount": 22.33, "SessionID": 13425, "UpdateBy": "Johnson, Jimmy ", "UpdateDate": "2019-05-13T22:18:52.693Z", } ]
```

Return Class

```
public class DWLeaseCostSummary { public int LeaseCostID { get; set; } public int LeaseKey { get; set; }
public int? ChargeReferenceId { get; set; } public string ChargeType { get; set; } public DateTime?
PeriodDate { get; set; } public decimal? CostAmount { get; set; } public int? SessionID { get; set; }
public string UpdateBy { get; set; } public DateTime UpdateDate { get; set; } }
```

Lease Deposit

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/lease/deposit	{ "LeaseKeys":[int LeaseKey, int LeaseKey], "LastUpdateDate": date LastUpdateDate}	vwLeaseDeposit	Lease deposits.	CanViewLease/ CanPullDataBy,

Example

```
Body: {
  "LeaseKeys":[],
  "LastUpdateDate": "2020-07-15"
}
```

Result:

```
[ { "DepositAmount": 0.0000, "LeaseKey": 2, "LastUpdateDate": "2020-07-15T07:49:53.260Z",
  "DoesAdditionalEarnInterest": false, "DoesEarnInterest": false, "AdditionalDepositAmount": null,
  "AdditionalInterestCalcDescription": null, "InterestCalcDescription": null, "DepositComment": "",
  "AdditionalCheckNumber": "", "CheckNumber": "" } ]
```

Return Class

```
public class DWLeaseDepositSummary { public int LeaseKey { get; set; } public decimal DepositAmount {
get; set; } public decimal? AdditionalDepositAmount { get; set; } public bool? DoesEarnInterest { get;
set; } public bool? DoesAdditionalEarnInterest { get; set; } public string CheckNumber { get; set; }
public string AdditionalCheckNumber { get; set; } public string DepositComment { get; set; } public
string InterestCalcDescription { get; set; } public string AdditionalInterestCalcDescription { get; set;
} public DateTime? LastUpdateDate { get; set; } }
```

Lease Guaranty (No UI)

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/lease/guaranty	{"LeaseKeys":[int LeaseKey, int LeaseKey], "LastUpdateDate": date LastUpdateDate}	vwLeaseGuaranty	Lease guaranty data.	CanViewLea CanPullData

Example

```
Body: {
  "LeaseKeys":[],
  "LastUpdateDate": null
}
```

Result:

```
[ { Not implemented in UI } ]
```

Return Class

```
public class DWLeaseGuarantySummary { public int LeaseKey { get; set; } public string GuarantorName {
get; set; } public string GuarantyAmountDescription { get; set; } public string GuarantyNatureDescription
{ get; set; } public string GuarantorAddress1 { get; set; } public string GuarantorAddress2 { get; set; }
public string CityName { get; set; } public string PostalCode { get; set; } public string
StateProvinceAbbreviation { get; set; } public string StateProvinceName { get; set; } public DateTime?
ExpirationDate { get; set; } public string GuarantyComment { get; set; } public string GuarantorPhone {
get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Lease Insurance (No UI)

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/lease/insurance	<pre>{ "LeaseKeys": [int LeaseKey, int LeaseKey], "LastUpdateDate": date LastUpdateDate }</pre>	vwLeaseInsurance	Lease insurance data.	CanViewLe CanPullDat

Example

Body: {

"LeaseKeys": [],

"LastUpdateDate": null

}

Result:

[{ Not implemented in UI }]

Return Class

```
public class DWLeaseInsuranceSummary {
    public int LeaseKey { get; set; }
    public decimal? GLPerOccurrenceAmount { get; set; }
    public decimal? GLAggregateAmount { get; set; }
    public string GLMinimumRatingDescription { get; set; }
    public DateTime? TermStartDate { get; set; }
    public string CarrierCode { get; set; }
    public string PolicyCode { get; set; }
    public bool? IsGLAddlEndorsement { get; set; }
    public bool? IsPropertyFire { get; set; }
    public bool? IsPropertyManagerInsured { get; set; }
    public DateTime? TermEndDate { get; set; }
    public string CancellationDescription { get; set; }
    public string NoticeDescription { get; set; }
    public bool? IsWorkerComp { get; set; }
    public decimal? WorkerCompAmount { get; set; }
    public bool? IsBusinessAuto { get; set; }
    public decimal? BusinessAutoAmount { get; set; }
    public bool? IsOwnedNonOwnedVehicle { get; set; }
    public string Comments { get; set; }
    public DateTime? LastUpdateDate { get; set; }
}
```

Lease Late Fee

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/lease/latefee	<pre>{ "LeaseKeys": [int LeaseKey, int LeaseKey], "LastUpdateDate": date LastUpdateDate }</pre>	vwLeaseLateFee	Late fee occurrence information used for calculating late fee amounts.	CanViewLease/ CanPullDataBy/

Example

Body: {
"LeaseKeys":[],
"LastUpdateDate": "2020-01-01"
}
Result:

```
[ { "LeaseKey": 23850, "LastUpdateDate": "2020-02-19T23:05:29.833Z", "LateFeePercent": null, "FlatFeeAmount": null, "GracePeriodDayNumber": null, "RentDueDayNumber": null, "IncludedInFeeComments": null, "LateFeeOccurrence": "First Late Fee", "LateFeeCalculation": "Flat dollar amount" } ]
```

Return Class

```
public class DWLeaseLateFeeSummary { public int LeaseKey { get; set; } public string LateFeeCalculation { get; set; } public string LateFeeOccurrence { get; set; } public short? RentDueDayNumber { get; set; } public short? GracePeriodDayNumber { get; set; } public string IncludedInFeeComments { get; set; } public decimal? FlatFeeAmount { get; set; } public decimal? LateFeePercent { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Lease Letter of Credit

Request URL	Request Body	Database View	Description	Per
[Base API URL]/api/client/get/lease/letterofcredit	{"LeaseKeys":[int LeaseKey, int LeaseKey], "LastUpdateDate": date LastUpdateDate}	vwLeaseLetterOfCredit	Tenant letter of credit data.	Cal Cal

Example

Body: {
"LeaseKeys":[2],
"LastUpdateDate": null
}
Result:

```
[ { "LeaseKey": 2, "LastUpdateDate": null, "IsAutoRenew": false, "IsAutoReduce": false, "ExpirationDate": null, "IssueDate": null, "CreditAmount": null, "Comments": "", "BankCityName": "", "AutoRenewDescription": "", "AutoReduceDescription": "", "LetterOfCreditNumber": "", "InstitutionName": "", "BeneficiaryName": "", "StateProvinceName": null, "StateProvinceAbbreviation": null } ]
```

Return Class

```
public class DWLeaseLetterOfCreditSummary { public int LeaseKey { get; set; } public string StateProvinceAbbreviation { get; set; } public string StateProvinceName { get; set; } public decimal? CreditAmount { get; set; } public string BeneficiaryName { get; set; } public string InstitutionName { get; set; } public string LetterOfCreditNumber { get; set; } public DateTime? IssueDate { get; set; } public DateTime? ExpirationDate { get; set; } public bool? IsAutoReduce { get; set; } public string AutoReduceDescription { get; set; } public bool? IsAutoRenew { get; set; } public string
```

```

AutoRenewDescription { get; set; } public string BankCityName { get; set; } public string Comments { get;
set; } public DateTime? LastUpdateDate { get; set; } }

```

Lease Option

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/lease/option	<pre> {"LeaseKeys":[int LeaseKey, int LeaseKey], "LastUpdateDate": date LastUpdateDate} </pre>	vwLeaseOption	Lease options.	CanViewLeaseAF CanPullDataByAI

Example

Body: {
 "LeaseKeys":[
 "LastUpdateDate": null
}

Result:

```

[ { "LeaseKey": 16, "LastUpdateDate": null, "LatestHandoverDate": null, "EarliestHandoverDate": null,
"LatestNoticeDate": "2020-01-01T00:00:00Z", "LatestNoticeDaysNumber": null, "ExpirationDate": "2022-12-
31T00:00:00Z", "IsOngoing": null, "TicklerDate": "2020-06-01T00:00:00Z", "IsInLease": null, "Comments":
"Extension option period", "ExerciseOption": null, "OptionType": "Extension" } ]

```

Return Class

```

public class DWLeaseOptionSummary { public int LeaseKey { get; set; } public string OptionType { get;
set; } public string ExerciseOption { get; set; } public bool? IsInLease { get; set; } public DateTime?
TicklerDate { get; set; } public bool? IsOngoing { get; set; } public DateTime? ExpirationDate { get;
set; } public short? LatestNoticeDaysNumber { get; set; } public DateTime? LatestNoticeDate { get; set; }
public DateTime? EarliestHandoverDate { get; set; } public DateTime? LatestHandoverDate { get; set; }
public string Comments { get; set; } public DateTime? LastUpdateDate { get; set; } }

```

Lease Parking Fee

Request URL	Request Body	Database View	Description	Permiss
[Base API URL]/api/client/get/lease/parkingfee	{"LeaseKeys":[int LeaseKey, int LeaseKey], "LastUpdateDate": date LastUpdateDate}	vwLeaseParkingFee	Lease parking fee information, such as how many parking stalls are associated with the lease, and the rate per stall.	CanView CanPull

Example

Body: {
"LeaseKeys":[
"LastUpdateDate": null
}
Result:
[{ "LeaseKey": 2, "LastUpdateDate": null, "MustStallRateAmount": null, "IsMustRateFixed": false, "PaidStallRateAmount": null, "IsPaidRateFixed": false, "MustStallsCount": null, "PaidStallsCount": null, "FreeStallsCount": null, "ParkingType": "Reserved" }]

Return Class

```
public class DWLeaseParkingFeeSummary { public int LeaseKey { get; set; } public string ParkingType { get; set; } public short? FreeStallsCount { get; set; } public short? PaidStallsCount { get; set; } public short? MustStallsCount { get; set; } public bool? IsPaidRateFixed { get; set; } public decimal? PaidStallRateAmount { get; set; } public bool? IsMustRateFixed { get; set; } public decimal? MustStallRateAmount { get; set; } public DateTime? LastUpdateDate { get; set; } }
```


Lease Percent Rent Detail

Request URL	Request Body	Database View	Description	Pe
[Base API URL]/api/client/get/lease/rentdetail	{"LeaseKeys":[int LeaseKey, int LeaseKey], "LastUpdateDate": date LastUpdateDate}	vwLeasePercentRentDetail	Percent rent breakpoints for leases that are a percent rent schedule.	Ca Ca

Example

Body: {
"LeaseKeys":[20],
"LastUpdateDate": null
}
Result:
[{ "LeaseKey": 20, "LastUpdateDate": null, "IsNatural": true, "EffectiveDate": "2012-06-01T00:00:00Z",
"CeilingAmount": null, "BreakpointAmount": 140000.0000, "PercentRate": 5.000000, "Comments": null,
"PaidFrequency": "Sales are reported or rent is paid quarterly", "AddlSalesFrequency": null,
"SalesFrequency": "Sales are reported or rent is paid monthly" }]

Return Class

```
public class DWLeasePercentRentDetailSummary { public int LeaseKey { get; set; } public string SalesFrequency { get; set; } public string AddlSalesFrequency { get; set; } public string PaidFrequency { get; set; } public string Comments { get; set; } public decimal? PercentRate { get; set; } public decimal? BreakpointAmount { get; set; } public decimal? CeilingAmount { get; set; } public DateTime? EffectiveDate { get; set; } public bool? IsNatural { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Lease Prepaid Rent

Request URL	Request Body	Database View	Description	Permissions
[Base API URL]/api/client/get/lease/prepaidrent	{"LeaseKeys":[int LeaseKey, int LeaseKey], "LastUpdateDate": date LastUpdateDate}	vwLeasePrepaidRent	Prepaid rent data for tenants who prepay.	CanView CanPut

Example

Body: {
"LeaseKeys":[2],
"LastUpdateDate": null
}
Result:
[{ "LeaseKey": 2, "LastUpdateDate": null, "IsInterest": false, "PrepaidRentAmount": null, "Comments": "", "CheckNumber": "", "MonthToApplyDescription": "" }]

Return Class

```
public class DWLeasePrepaidRentSummary { public int LeaseKey { get; set; } public decimal? PrepaidRentAmount { get; set; } public string MonthToApplyDescription { get; set; } public bool? IsInterest { get; set; } public string CheckNumber { get; set; } public string Comments { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Lease Role (No UI)

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/lease/role	{ "LeaseKeys": [int LeaseKey, int LeaseKey], "LastUpdateDate": date LastUpdateDate }	vwLeaseRole	Roles associated with the lease, similar in structure to the Acquisition and Asset role data.	CanViewLeaseAPIData CanPullDataByAPI

Example

Body: { "LeaseKeys": [16] } or { "LeaseKeys": [] }

Result:

```
[ { Not Implemented in UI } ]
```

Return Class

```
public class DWLeaseRoleSummary { public int LeaseKey { get; set; } public string FunctionName { get; set; } public string RoleDescription { get; set; } public string ActingParty { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Lease Storage Fee

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/lease/storagefee	{ "LeaseKeys": [int LeaseKey, int LeaseKey], "LastUpdateDate": date LastUpdateDate }	vwLeaseStorageFee	Storage fee data for leases that include a storage area.	CanView CanPull

Example

Body: {

"LeaseKeys": [],

"LastUpdateDate": null

}

Result:


```
[ { "LeaseKey": 2, "LastUpdateDate": null, "IsIncludedBuildingArea": false, "StorageArea": null, "MonthlyAmount": null, "Comments": "", "RestrictionDescription": "", "StorageUnitNumber": "" } ]
```

Return Class

```
public class DWLeaseStorageFeeSummary { public int LeaseKey { get; set; } public decimal? MonthlyAmount { get; set; } public int? StorageArea { get; set; } public string StorageUnitNumber { get; set; } public string RestrictionDescription { get; set; } public bool? IsIncludedBuildingArea { get; set; } public string Comments { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Lease Tenant Sales

Request URL	Request Body	Database View	Description	Perm
[Base API URL]/api/client/get/lease/tenantsale	{"LeaseKeys":[int LeaseKey, int LeaseKey], "LastUpdateDate": date LastUpdateDate}	vwLeaseTenantSales	The tenant’s sales data for leases where the rent is calculated based on the tenant’s sales/revenue.	CanV CanP

Example

Body: {
"LeaseKeys":[],
"LastUpdateDate": null
}

Result:
[{ "PeriodDate": "2012-06-01T00:00:00Z", "LastUpdateDate": null, "SalesAmount": 161141.9700, "LeaseKey": 20 }]

Return Class

```
public class DWLeaseTenantSalesSummary { public int? LeaseKey { get; set; } public DateTime PeriodDate { get; set; } public decimal? SalesAmount { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Lease User Defined Key

Request URL	Request Body	Database View	Description
[Base API URL]/api/client/get/lease/userdefinedkey	{"LeaseKeys":[int LeaseKey, int LeaseKey], "LastUpdateDate": date LastUpdateDate}	vwLeaseUserDefinedValue	Any custom, user-defined fields and values for the lease.

Example

Body: {
"LeaseKeys":[,
"LastUpdateDate": "2020-01-01"
}
Result:
[{ "UserDefinedKeyID": 534, "LeaseUserDefinedValueID": 1, "LeaseKey": 26397, "UpdateDate": "2024-02-08T16:34:16.603Z", "Name": "Lease Test Company Contact", "Value": "24M Technologies" }]

Return Class

```
public class DWLeaseUserDefinedValueSummary { public int LeaseKey { get; set; } public string Value { get; set; } public string Name { get; set; } public DateTime? UpdateDate { get; set; } public int LeaseUserDefinedValueID { get; set; } public int UserDefinedKeyID { get; set; } }
```

Loan

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/loan	{"LoanKeys":[int LoanKey, int LoanKey], "LastUpdateDate": date LastUpdateDate}	vwLoan	Master table for loan data.	CanViewLoanAPIData, CanPullDataByAPI

Example

Body: {
"LoanKeys":[,
"LastUpdateDate": "2016-01-28"
}
Result:
[{ "IsHedged": false, "IsFixed": true, "LoanKey": 3, "LastUpdateDate": "2016-01-28T17:15:08.887Z", "TerminationDate": null, "OpenAtParMonths": null, "LoanToCostPercent": null, "LoanToValuePercent": null, "RollDay": null, "TransactionQuoteIdentifier": null, "AmortizationEndDate": null, "AmortizationStartDate": null, "ConstantPAndIPaymentAmount": null, "AnticipatedMaturityDate": null,

```

"ReportedMaturityDate": null, "TermSheetDate": null, "PrepaymentTradeDate": null,
"PrepaymentEffectiveDate": null, "LienPosition": null, "IsCrossDefault": null, "IsCrossCollateralized":
null, "HasDefeasanceOption": false, "IsSecuritized": null, "IsSecured": null, "FinancingICApprovalDate":
null, "FloorPercent": null, "OriginationFeeAmount": null, "TotalCommitmentAmount": 18600000.0000,
"CurrentAssetAmount": null, "LoanOriginationDate": "2012-12-17T00:00:00Z", "ClosedDate": null,
"CommitDate": null, "RateLockDate": null, "ApplicationExecutionDate": null, "LenderSelectionDate": null,
"MarketingDate": null, "MaturityDate": "2023-12-17T00:00:00Z", "LenderFeeAmount": null,
"LenderFeePercent": null, "BrokerFeePercent": null, "InterestRate": 3.900000, "InterestOnlyYears": 12,
"AmortizationYears": 30, "PurchasePriceAmount": null, "AllInRate": null, "InterestRateSpreadPercent":
null, "TermMonths": 120, "LoanAmount": 18600000.0000, "MaterialConditionsToExtension": null,
"DiscountCurve": null, "ResetDay": null, "FloatingIndexSecondaryRounding": null, "FloatingIndexRounding":
null, "DayCountConvention": null, "InterestPaymentFrequency": null, "FloatingIndexResetFrequency": null,
"FinancialStatementCode": null, "JurisdictionName": null, "ReportingEntityName": null, "BeneficiaryName":
null, "CrossDefaultDescription": null, "CrossCollateralizedDescription": null,
"DebtStabilizationDescription": null, "PaymentFrequencyDescription": null,
"PaymentBusinessDayDescription": null, "PaymentDayDescription": null, "AmortizationTypeDescription":
null, "AmortizationScheduleDescription": null, "InternalReferenceCode": null, "ProcessorReferenceCode":
null, "LoanReferenceCode": null, "LenderReferenceCode": null, "DebtPropertyCode": null,
"ExtensionComment": "", "PrepayFlexibilityDescription": "Yield Maintenance until June 1 2022",
"Comments": "What if tiered prepayment penalties?", "LoanIndexName": "", "SourceLoanCode": "",
"LoanName": "1111 Superior Avenue", "LenderTypeDescription": null, "DebtSeniorityDescription": null,
"DebtPurposeDescription": null, "CurrencyName": "US Dollar", "CurrencyCode": "VG ",
"LoanTypeDescription": "Acquisition", "LoanStatusDescription": "Closed" } ]

```

Return Class

```

public class DWLoanSummary { public int LoanKey { get; set; } public string LoanStatusDescription { get;
set; } public string LoanTypeDescription { get; set; } public string CurrencyCode { get; set; } public
string CurrencyName { get; set; } public string DebtPurposeDescription { get; set; } public string
DebtSeniorityDescription { get; set; } public string LenderTypeDescription { get; set; } public string
LoanName { get; set; } public string SourceLoanCode { get; set; } public decimal? LoanAmount { get; set;
} public short? TermMonths { get; set; } public string LoanIndexName { get; set; } public decimal?
InterestRateSpreadPercent { get; set; } public decimal? AllInRate { get; set; } public decimal?
PurchasePriceAmount { get; set; } public short? AmortizationYears { get; set; } public short?
InterestOnlyYears { get; set; } public decimal? InterestRate { get; set; } public string Comments { get;
set; } public decimal? BrokerFeePercent { get; set; } public decimal? LenderFeePercent { get; set; }
public decimal? LenderFeeAmount { get; set; } public DateTime? MaturityDate { get; set; } public
DateTime? MarketingDate { get; set; } public DateTime? LenderSelectionDate { get; set; } public DateTime?
ApplicationExecutionDate { get; set; } public DateTime? RateLockDate { get; set; } public DateTime?
CommitDate { get; set; } public DateTime? ClosedDate { get; set; } public DateTime? LoanOriginationDate {
get; set; } public decimal? CurrentAssetAmount { get; set; } public decimal? TotalCommitmentAmount { get;
set; } public decimal? OriginationFeeAmount { get; set; } public bool IsFixed { get; set; } public string
PrepayFlexibilityDescription { get; set; } public bool IsHedged { get; set; } public decimal?
FloorPercent { get; set; } public string ExtensionComment { get; set; } public DateTime?
FinancingICApprovalDate { get; set; } public string DebtPropertyCode { get; set; } public string
LenderReferenceCode { get; set; } public string LoanReferenceCode { get; set; } public string
ProcessorReferenceCode { get; set; } public string InternalReferenceCode { get; set; } public bool?
IsSecured { get; set; } public string AmortizationScheduleDescription { get; set; } public string
AmortizationTypeDescription { get; set; } public string PaymentDayDescription { get; set; } public string
PaymentBusinessDayDescription { get; set; } public string PaymentFrequencyDescription { get; set; }

```

```

public string DebtStabilizationDescription { get; set; } public bool? IsSecuritized { get; set; } public
bool? HasDefeasanceOption { get; set; } public bool? IsCrossCollateralized { get; set; } public bool?
IsCrossDefault { get; set; } public string CrossCollateralizedDescription { get; set; } public string
CrossDefaultDescription { get; set; } public short? LienPosition { get; set; } public DateTime?
PrepaymentEffectiveDate { get; set; } public DateTime? PrepaymentTradeDate { get; set; } public DateTime?
TermSheetDate { get; set; } public DateTime? ReportedMaturityDate { get; set; } public DateTime?
AnticipatedMaturityDate { get; set; } public string BeneficiaryName { get; set; } public string
ReportingEntityName { get; set; } public string JurisdictionName { get; set; } public string
FinancialStatementCode { get; set; } public decimal? ConstantPAndIPaymentAmount { get; set; } public
DateTime? AmortizationStartDate { get; set; } public DateTime? AmortizationEndDate { get; set; } public
string FloatingIndexResetFrequency { get; set; } public string InterestPaymentFrequency { get; set; }
public int? TransactionQuoteIdentifier { get; set; } public int? RollDay { get; set; } public string
DayCountConvention { get; set; } public string FloatingIndexRounding { get; set; } public string
FloatingIndexSecondaryRounding { get; set; } public string ResetDay { get; set; } public string
DiscountCurve { get; set; } public string MaterialConditionsToExtension { get; set; } public decimal?
LoanToValuePercent { get; set; } public decimal? LoanToCostPercent { get; set; } public short?
OpenAtParMonths { get; set; } public DateTime? TerminationDate { get; set; } public DateTime?
LastUpdateDate { get; set; } }

```

Loan Comment

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/loan/comment	{ "LoanKeys": [int LoanKey, int LoanKey], "LastUpdateDate": date LastUpdateDate }	vwLoanComment	Any comments regarding a loan.	CanViewLoa CanPullData

Example

Body: {

"LoanKeys": [],

"LastUpdateDate": "2017-06-07"

}

Result:

```

[ { "LoanKey": 64, "LastUpdateDate": "2017-06-07T17:42:47.390Z", "Comment": "Notes update",
  "LoanCommentTypeDescription": "Status Notes" } ]

```

Return Class

```

public class DWLoanCommentSummary { public int LoanKey { get; set; } public string
LoanCommentTypeDescription { get; set; } public string Comment { get; set; } public DateTime?
LastUpdateDate { get; set; } }

```

Loan Covenant

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/loan/covenant	{ "LoanKeys":[int LoanKey, int LoanKey], "LastUpdateDate": date LastUpdateDate}	vwLoanCovenant	All covenants associated with a loan.	CanViewLoan CanPullData

Example

Body: {

```
"LoanKeys":[10],
"LastUpdateDate": null
}
```

Result:

```
[ { "LoanKey": 10, "LastUpdateDate": "2016-05-14T13:55:41.150Z", "CovenantTypeDescription": null,
"CovenantDescription": "Must maintain LTV of 50% or less", "CovenantName": "LTV" } ]
```

Return Class

```
public class DWLoanCovenantSummary { public int LoanKey { get; set; } public string CovenantName { get;
set; } public string CovenantDescription { get; set; } public string CovenantTypeDescription { get; set;
} public DateTime? LastUpdateDate { get; set; } }
```

Loan Option

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/loan/option	{ "LoanKeys":[int LoanKey, int LoanKey], "LastUpdateDate": date LastUpdateDate}	vwLoanOption	All options associated with a loan.	CanViewLoanAPI CanPullDataByAPI

Example

Body: {

```
"LoanKeys":[],
"LastUpdateDate": "2017-07-06"
}
```

Result:

```
[ { "LoanKey": 4, "LastUpdateDate": "2019-01-18T16:30:08.097Z", "RedeemableAmount": null,
"RedeemableDate": null, "ConvertibleDate": null, "ExtensionNotificationDate": "2016-10-01T00:00:00Z",
```

```
"ExtensionFeePercent": 0.5000000, "ExtensionFeeAmount": null, "ExtensionNumberofOptions": 1,
"ExtensionPeriodTerm": 60, "IsExtensionOption": true, "RedeemableOption": "No", "ConvertibleFeature":
null, "ConvertibleOption": "No" } ]
```

Return Class

```
public class DWLoanOptionSummary { public int LoanKey { get; set; } public bool? IsExtensionOption {
get; set; } public int? ExtensionPeriodTerm { get; set; } public int? ExtensionNumberofOptions { get;
set; } public decimal? ExtensionFeeAmount { get; set; } public decimal? ExtensionFeePercent { get; set; }
public DateTime? ExtensionNotificationDate { get; set; } public string ConvertibleOption { get; set; }
public string ConvertibleFeature { get; set; } public DateTime? ConvertibleDate { get; set; } public
string RedeemableOption { get; set; } public DateTime? RedeemableDate { get; set; } public decimal?
RedeemableAmount { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Loan Ownership

Request URL	Request Body	Database View	Description	Permissions
[Base API URL]/api/client/get/loan/ownership	{ "LoanKeys":[int LoanKey, int LoanKey], "FundKeys":[int FundKey, int FundKey], "LastUpdateDate": date LastUpdateDate}	vwLoanOwnership	All loan ownerships.	CanViewL CanPullDa

Example

Body: {
 "LoanKeys":[
 "FundKeys":[11],
 "LastUpdateDate": null
}

Result:

```
[ { "FundKey": 11, "LoanKey": 4, "LoanID": 4, "LoanOwnershipID": 1, "OwnershipPercentEndDate": null,
"FundID": 11, "LastUpdateDate": "2024-04-11T15:36:23.903Z", "OwnershipPercentStartDate": "2015-10-
01T07:00:00Z", "OwnershipPercent": 100.0000000, "FundName": "BOF II", "OwnershipStructureDescription":
"1225 Connecticut Ave, LLC" } ]
```

Return Class

```
public class DWLoanOwnershipSummary { public int LoanOwnershipID { get; set; } public int LoanID { get;
set; } public int LoanKey { get; set; } public decimal? OwnershipPercent { get; set; } public DateTime?
OwnershipPercentStartDate { get; set; } public string OwnershipStructureDescription { get; set; } public
DateTime? LastUpdateDate { get; set; } public int? FundID { get; set; } public int FundKey { get; set; }
public string FundName { get; set; } public DateTime? OwnershipPercentEndDate { get; set; } }
```

Loan Prepayment

Request URL	Request Body	Database View	Description	Permi
[Base API URL]/api/client/get/loan/prepayment	{ "LoanKeys":[int LoanKey, int LoanKey], "LastUpdateDate": date LastUpdateDate}	vwLoanPrepayment	The prepayment restrictions for a loan if loan prepayments are permitted.	CanV CanPi

Example

Body: {

"LoanKeys":[,

"LastUpdateDate": "2018-07-06"

}

Result:

```
[ { "DefeasanceLockoutTermMonths": 0, "LoanKey": 81, "LastUpdateDate": "2018-08-20T16:29:59.473Z",
  "PrepaymentPenaltyAmount": null, "DefeasanceWithoutPenaltyDate": null, "DefeasanceDate": null,
  "IsPrepaymentOption": null, "PrepaymentWithoutPenaltyDate": "2018-11-30T00:00:00Z",
  "PrepaymentLockoutEndDate": null, "PrepaymentDescription": null } ]
```

Return Class

```
public class DWLoanPrepaymentSummary { public int LoanKey { get; set; } public DateTime?
PrepaymentLockoutEndDate { get; set; } public DateTime? PrepaymentWithoutPenaltyDate { get; set; } public
bool? IsPrepaymentOption { get; set; } public string PrepaymentDescription { get; set; } public DateTime?
DefeasanceDate { get; set; } public DateTime? DefeasanceWithoutPenaltyDate { get; set; } public short
DefeasanceLockoutTermMonths { get; set; } public decimal? PrepaymentPenaltyAmount { get; set; } public
DateTime? LastUpdateDate { get; set; } }
```

Loan Rate Hedge

Request URL	Request Body	Database View	Description	Permissio
[Base API URL]/api/client/get/loan/ratehedge	{ "LoanKeys":[int LoanKey, int LoanKey], "LastUpdateDate": date LastUpdateDate}	vwLoanRateHedge	Loan derivative information to mitigate interest rate risk.	CanViewL CanPullID:

Example

Body: {

"LoanKeys":[,

"LastUpdateDate": "2020-07-06"

}

Result:

```
[ { "LoanKey": 138, "LastUpdateDate": "2021-08-10T00:00:00Z", "BrokerFeeAmount": null,
"BrokerFeePercent": 1.000000, "TermMonths": null, "HedgeAllInRate": 1.000000, "HedgeSpreadRate":
0.050000, "HedgeStrikePercent": null, "NotionalAmount": null, "HedgeMaturityDate": null,
"HedgeEffectiveDate": null, "HedgeTerminationDate": null, "CounterpartyFeePercent": 1.00000000,
"CounterpartyFeeAmount": null, "IsSwap": null, "Comments": null, "HedgeIndexName": null, "CurrencyName":
"United States Dollar", "CurrencyCode": "USD" } ]
```

Return Class

```
public class DWLoanRateHedgeSummary { public int LoanKey { get; set; } public string CurrencyCode { get;
set; } public string CurrencyName { get; set; } public bool? IsSwap { get; set; } public decimal?
CounterpartyFeeAmount { get; set; } public decimal? CounterpartyFeePercent { get; set; } public DateTime?
HedgeTerminationDate { get; set; } public DateTime? HedgeEffectiveDate { get; set; } public DateTime?
HedgeMaturityDate { get; set; } public decimal? NotionalAmount { get; set; } public decimal?
HedgeStrikePercent { get; set; } public string HedgeIndexName { get; set; } public decimal?
HedgeSpreadRate { get; set; } public decimal? HedgeAllInRate { get; set; } public short? TermMonths {
get; set; } public decimal? BrokerFeePercent { get; set; } public decimal? BrokerFeeAmount { get; set; }
public string Comments { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Loan Role

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/loan/role	{"LoanKeys":[int LoanKey, int LoanKey], "LastUpdateDate": date LastUpdateDate}	vwLoanRole	Roles associated with a loan in the same manner as Asset and Acquisition roles.	CanViewLoanAPIData, CanPullDataByAPI

Example

Body: {

"LoanKeys":[,

"LastUpdateDate": "2020-07-06"

}

Result:

```
[ { "LoanKey": 122, "LastUpdateDate": "2020-12-02T18:49:55.250Z", "PrincipalParty": "Wells Fargo",
```



```
"RoleCode": "LoanServicer", "ActingParty": "Wells Fargo", "RoleDescription": "Loan Servicer",
"FunctionName": "Finance" } ]
```

Return Class

```
public class DWLoanRoleSummary { public int LoanKey { get; set; } public string FunctionName { get; set;
} public string RoleDescription { get; set; } public string ActingParty { get; set; } public string
RoleCode { get; set; } public string PrincipalParty { get; set; } public DateTime? LastUpdateDate { get;
set; } }
```

Loan Schedule

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/loan/schedule	{"LoanKeys":[int LoanKey, int LoanKey], "LastUpdateDate": date LastUpdateDate}	vwLoanSchedule	The amortization schedule for the loan.	CanViewLoa CanPullData

Example

```
Body: {
"LoanKeys":[],
"LastUpdateDate": "2022-01-06"
}
Result:
```

```
[ { "LoanKey": 107, "LastUpdateDate": "2022-08-25T14:50:00.1Z", "OriginationCostsAmount": 0.0000,
"IssuanceCostsAmount": null, "CostAmortizationAmount": 0.0000, "HedgeInterestAmount": null,
"PurchaseAccountingAdjustmentAmount": null, "AllInRate": null, "TotalInterestAmount": null,
"EffectiveInterestRate": null, "PremiumDiscountAmount": null, "EndBalanceAmount": 0.0000,
"PandIPaymentAmount": 0.0000, "PrincipalPaymentAmount": 0.0000, "InterestPaymentAmount": 0.0000,
"InterestRate": 0.0000000, "FloatIndexEmbedFloorRate": null, "FloatIndexEmbedCapRate": null,
"FloatSpreadPercent": null, "FloatIndexPercent": 2.5000000, "RateFixingDate": null, "BeginBalanceAmount":
0.0000, "PaymentDate": "2020-08-30T00:00:00Z", "ToDate": null, "FromDate": "2020-08-31T00:00:00Z" } ]
```

Return Class

```
public class DWLoanScheduleSummary { public int LoanKey { get; set; } public DateTime? FromDate { get;
set; } public DateTime? ToDate { get; set; } public DateTime? PaymentDate { get; set; } public decimal?
BeginBalanceAmount { get; set; } public DateTime? RateFixingDate { get; set; } public decimal?
FloatIndexPercent { get; set; } public decimal? FloatSpreadPercent { get; set; } public decimal?
FloatIndexEmbedCapRate { get; set; } public decimal? FloatIndexEmbedFloorRate { get; set; } public
decimal? InterestRate { get; set; } public decimal? InterestPaymentAmount { get; set; } public decimal?
PrincipalPaymentAmount { get; set; } public decimal? PandIPaymentAmount { get; set; } public decimal?
EndBalanceAmount { get; set; } public decimal? PremiumDiscountAmount { get; set; } public decimal?
EffectiveInterestRate { get; set; } public decimal? TotalInterestAmount { get; set; } public decimal?
AllInRate { get; set; } public decimal? PurchaseAccountingAdjustmentAmount { get; set; } public decimal?
```

```
HedgeInterestAmount { get; set; } public decimal? CostAmortizationAmount { get; set; } public decimal? IssuanceCostsAmount { get; set; } public decimal? OriginationCostsAmount { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Loan User Defined Value (Custom Fields)

Request URL	Request Body	Database View	Description
[Base API URL]/api/client/get/loan/userdefinedvalue	{ "LoanKeys":[int LoanKey, int LoanKey], "LastUpdateDate": date LastUpdateDate}	vwLoanUserDefinedValue	Any custom, user-defined fields and values for the loan.

Example

Body: {
 "LoanKeys":[
 "LastUpdateDate": null
]
}

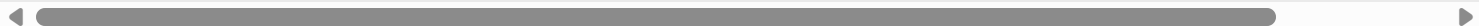
Result:
[{ "UserDefinedKeyID": 412, "LoanUserDefinedValueID": 112, "LoanKey": 171, "LastUpdateDate": "2023-02-17T16:21:50.853Z", "Name": "Loan Test Small Txt", "Value": "test" }]

Return Class

```
public class DWLoanUserDefinedValueSummary { public int LoanKey { get; set; } public string Value { get; set; } public string Name { get; set; } public DateTime? LastUpdateDate { get; set; } public int LoanUserDefinedValueID { get; set; } public int UserDefinedKeyID { get; set; } }
```

Metrics

Request URL	Request Body	Database View	Description	Permissio
[Base API URL]/api/client/get/subasset/metrics	{ "SubAssetKeys":[int SubAssetKey, int SubAssetKey], "SubAssetScenarioKeys": [int SubAssetScenarioKey, int SubAssetScenarioKey], "StartDate":[DateTime? StartDate], "EndDate": [DateTime? EndDate], "LastUpdateDate": date LastUpdateDate} }	vwMetrics	SubassetKey, PostDateKey, and ScenarioKey compose the unique key for this result.	CanView/ CanPullD.



Example

Body: {
 "SubAssetKeys":null,
 "SubAssetScenarioKeys":[3443],
 "StartDate": "2017-01-01",
 "EndDate": "2017-12-01",
 "LastUpdateDate": null
}

Result:

```
[ { "PropertyTypeKey": 30, "CurrencyKey": 12, "SubAssetScenarioKey": 3443, "ScenarioKey": 2, "AssetKey": 18, "SubAssetKey": 16, "NCREIFGeographyKey": 10, "PostDateKey": 20170101, "LastUpdateDate": "2024-03-06T22:11:10.610Z", "PeriodBadDebt": 0.0000, "PeriodRentalIncome": 216473.3325, "PeriodCapitalExpenditures": 298367.5685, "PeriodOwnershipExpense": 0.0000, "PeriodAdvisoryFees": 0.0000, "PeriodExpenses": 182476.7142, "PeriodRevenue": 276751.6300, "DistributionsToDate": 0.0000, "PeriodDebtService": 69289.9200, "PeriodNOI": 94274.9158, "CapitalCalled": 6608652.0636, "CapitalCommitted": 6608652.0636, "PortfolioKey": 107, "GrossPropertyValue": 23238415.0362, "CapitalToDate": 6608652.0636, "OtherCashEquivalentsOwn": null, "OperatingCashOwn": 0.0000, "NetMarketValueOwn": null, "TotalDebtParOwn": null, "TotalDebtMTMOwn": null, "GrossMarketValueOwn": 23238415.0362, "UpdateDate": "2024-03-06T22:11:10.610Z", "InsertDate": "2019-05-10T23:37:38.750Z", "IsCurrent": null, "LeveragedTWC": null, "LeveragedTotalNet": null, "LeveragedTotalGross": null, "LeveragedNetAppreciation": null, "LeveragedGrossAppreciation": null, "LeveragedNetIncome": null, "LeveragedGrossIncome": null, "UnLeveragedTWC": null, "UnleveragedTotalNet": null, "UnleveragedTotalGross": null, "UnleveragedNetAppreciation": null, "UnleveragedGrossAppreciation": null, "UnleveragedNetIncome": null, "UnleveragedGrossIncome": null, "LeasedNumberOfUnits": null, "OccupiedNumberOfUnits": null, "TotalNumberOfUnits": null, "LeasedArea": null, "OccupiedArea": null, "TotalArea": null, "AnnualDebtService": null, "Trailing12Expenses": null, "CurrentQuarterRevenue": null, "InPlaceNOI": 94274.9158, "TrailingFourQtrDistribution": null, "OtherCashEquivalents": null, "OperatingCash": 0.0000, "TotalCostBasis": 23238415.0362, "AcquisitionCost": 22179584.7378, "TotalDebtMTM": null, "TotalDebtPar": 15260270.0000, "Equity": 5939695.1540, "NetAssetValue": null,
```

```
"GrossAssetValue": 0.0000, "NetMarketValue": 7978145.0362, "GrossMarketValue": 23238415.0362,
"AccountingSoftwareKey": null, "ScenarioDescription": "Budget" } ]
```

Return Class

```
public class DWMetricsSummary { public int PostDateKey { get; set; } public int NCREIFGeographyKey {
get; set; } public short CurrencyKey { get; set; } public short PropertyTypeKey { get; set; } public int
SubAssetKey { get; set; } public short? AccountingSoftwareKey { get; set; } public decimal?
GrossMarketValue { get; set; } public decimal? NetMarketValue { get; set; } public decimal?
GrossAssetValue { get; set; } public decimal? NetAssetValue { get; set; } public decimal? Equity { get;
set; } public decimal? TotalDebtPar { get; set; } public decimal? TotalDebtMTM { get; set; } public
decimal? AcquisitionCost { get; set; } public decimal? TotalCostBasis { get; set; } public decimal?
OperatingCash { get; set; } public decimal? OtherCashEquivalents { get; set; } public decimal?
TrailingFourQtrDistribution { get; set; } public decimal? InPlaceNOI { get; set; } public decimal?
CurrentQuarterRevenue { get; set; } public decimal? Trailing12Expenses { get; set; } public decimal?
AnnualDebtService { get; set; } public decimal? TotalArea { get; set; } public decimal? OccupiedArea {
get; set; } public decimal? LeasedArea { get; set; } public decimal? TotalNumberOfUnits { get; set; }
public decimal? OccupiedNumberOfUnits { get; set; } public decimal? LeasedNumberOfUnits { get; set; }
public decimal? UnleveragedGrossIncome { get; set; } public decimal? UnleveragedNetIncome { get; set; }
public decimal? UnleveragedGrossAppreciation { get; set; } public decimal? UnleveragedNetAppreciation {
get; set; } public decimal? UnleveragedTotalGross { get; set; } public decimal? UnleveragedTotalNet {
get; set; } public decimal? UnLeveragedTWC { get; set; } public decimal? LeveragedGrossIncome { get; set;
} public decimal? LeveragedNetIncome { get; set; } public decimal? LeveragedGrossAppreciation { get; set;
} public decimal? LeveragedNetAppreciation { get; set; } public decimal? LeveragedTotalGross { get; set;
} public decimal? LeveragedTotalNet { get; set; } public decimal? LeveragedTWC { get; set; } public bool?
IsCurrent { get; set; } public DateTime? InsertDate { get; set; } public DateTime? UpdateDate { get; set;
} public decimal? GrossMarketValueOwn { get; set; } public decimal? TotalDebtMTMOwn { get; set; } public
decimal? TotalDebtParOwn { get; set; } public decimal? NetMarketValueOwn { get; set; } public decimal?
OperatingCashOwn { get; set; } public decimal? OtherCashEquivalentsOwn { get; set; } public decimal?
CapitalToDate { get; set; } public decimal? GrossPropertyValue { get; set; } public int? PortfolioKey {
get; set; } public decimal? CapitalCommitted { get; set; } public decimal? CapitalCalled { get; set; }
public decimal? PeriodNOI { get; set; } public decimal? PeriodDebtService { get; set; } public decimal?
DistributionsToDate { get; set; } public decimal? PeriodRevenue { get; set; } public decimal?
PeriodExpenses { get; set; } public decimal? PeriodAdvisoryFees { get; set; } public decimal?
PeriodOwnershipExpense { get; set; } public decimal? PeriodCapitalExpenditures { get; set; } public
decimal? PeriodRentalIncome { get; set; } public decimal? PeriodBadDebt { get; set; } public int AssetKey
{ get; set; } public int ScenarioKey { get; set; } public string ScenarioDescription { get; set; } public
DateTime? LastUpdateDate { get; set; } public int SubAssetScenarioKey { get; set; } }
```

Occupancy History

Request URL	Request Body	Database View	Description
[Base API URL]/api/client/get/subasset/occupancyhistory	<pre>{ "SubAssetKeys": [{ "SubAssetKey": 78, "StartDate": "2018-07-01", "EndDate": "2018-12-01", "LastUpdateDate": null, "PeriodDate": null }] }</pre>	vwOccupancyHistory	The history of the asset's occupancy in terms of area and units. This can be past history for actual occupancy, and can also be loaded as budget information for future (projected) occupancy.

Example

Body: {

```
  "SubAssetKeys": [],
  "StartDate": "2018-07-01",
  "EndDate": "2018-12-01",
  "LastUpdateDate": null,
  "PeriodDate": null
}
```

Result:

```
[ { "ScenarioKey": 2, "SubAssetKey": 78, "LastUpdateDate": "2016-08-01T00:00:00Z",
  "EconomicOccupancyPercent": null, "OccupiedNumberOfUnits": 1, "LeasedNumberOfUnits": 1,
  "TotalNumberOfUnits": 1, "LeasedArea": 4120.00, "OccupiedArea": 3072.00, "TotalArea": 4200.00,
  "PeriodDate": "2016-08-01T00:00:00Z", "Notes": null } ]
```

Return Class

```
public class DWOccupancyHistorySummary {
  public DateTime? PeriodDate { get; set; }
  public int SubAssetKey { get; set; }
  public short ScenarioKey { get; set; }
  public decimal? TotalArea { get; set; }
  public decimal? OccupiedArea { get; set; }
  public decimal? LeasedArea { get; set; }
  public int? TotalNumberOfUnits { get; set; }
  public int? LeasedNumberOfUnits { get; set; }
  public int? OccupiedNumberOfUnits { get; set; }
  public string Notes { get; set; }
  public decimal? EconomicOccupancyPercent { get; set; }
  public DateTime? LastUpdateDate { get; set; }
}
```

Portfolio

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/portfolio	{"PortfolioKeys": [int PortfolioKey, int PortfolioKey], "LastUpdateDate": date LastUpdateDate}	vwPortfolio	Master table for portfolio data. Portfolios are simply a group of assets.	CanViewAssetAPIData, CanPullDataByAPI

Example

Body: {

```
"PortfolioKeys": [7,
"LastUpdateDate": "2022-03-21"
}
```

Result:

```
[ { "PortfolioKey": 7, "LastUpdateDate": "2022-03-21T05:15:09.347Z", "PortfolioID": 7, "MSADescription":
"Houston-Sugar Land-Baytown, TX MSA", "CityName": "Houston", "DominantSubAssetTypeDescription": "Lender
REO", "DominantPropertyTypeDescription": "Apartment (Multifamily)", "AcquisitionStrategyDescription":
"Value-Add", "InvestmentStructureTypeDescription": "Joint Venture", "PortfolioName": "85 Broad Street" }
]
```

Return Class

```
public class DWPortfolioSummary { public int PortfolioKey { get; set; } public string PortfolioName {
get; set; } public string InvestmentStructureTypeDescription { get; set; } public string
AcquisitionStrategyDescription { get; set; } public string DominantPropertyTypeDescription { get; set; }
public string DominantSubAssetTypeDescription { get; set; } public string CityName { get; set; } public
string MSADescription { get; set; } public int? PortfolioID { get; set; } public DateTime? LastUpdateDate
{ get; set; } }
```

Portfolio Comment

Request URL	Request Body	Database View	Description	Perm
[Base API URL]/api/client/get/portfolio/comment	{"PortfolioKeys": [int PortfolioKey, int PortfolioKey], "LastUpdateDate": date LastUpdateDate}	vwPortfolioComment	Comments associated with a portfolio.	Can Can

Example

Body: {
"PortfolioKeys":[
"LastUpdateDate": "2020-12-12"
}
Result:

[{ "InsertDate": "2023-02-15T21:32:28.027Z", "PortfolioKey": 107, "LastUpdateDate": "2023-02-15T21:32:28.040Z", "CommentedBy": null, "Comment": "Testing", "CommentTypeDescription": "Disposition" }]

Return Class

```
public class DWPortfolioCommentSummary { public int PortfolioKey { get; set; } public string CommentTypeDescription { get; set; } public string Comment { get; set; } public DateTime InsertDate { get; set; } public string CommentedBy { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Portfolio Fund

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/portfolio/fund	{ "PortfolioKeys": [int PortfolioKey, int PortfolioKey], "FundKeys":[int FundKey, int FundKey], "LastUpdateDate": date LastUpdateDate} }	vwPortfolioFund	A cross-reference table to associate a portfolio to specific funds.	CanViewAsset CanPullDataBy

Example

Body: {
"PortfolioKeys":[
"FundKeys":[2],
"LastUpdateDate": "2022-01-01"
}
Result:

[{ "PortfolioKey": 14, "FundKey": 2, "LastUpdateDate": "2023-03-07T17:29:30.617Z", "UpdateDate": "2023-03-07T17:29:30.617Z", "InsertDate": "2023-03-07T17:29:30.617Z", "OwnershipPercentage": 98.000000 }]

Return Class

```
public class DWPortfolioFundSummary { public int FundKey { get; set; } public int PortfolioKey { get; set; } public decimal? OwnershipPercentage { get; set; } public DateTime? InsertDate { get; set; } public DateTime? UpdateDate { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Portfolio Reporting

Request URL	Request Body	Database View	Description	Pei
[Base API URL]/api/client/get/portfolio/reporting	<pre>{"PortfolioKeys": [int PortfolioKey, int PortfolioKey], "LastUpdateDate": date LastUpdateDate}</pre>	vwPortfolioReporting	Reporting dates for the portfolio, such as when the quarterly reports are due, annual reports, etc. These dates may be independent of the asset reporting dates for assets within the portfolio.	Ca Ca

Example

Body: {
"PortfolioKeys":[,
"LastUpdateDate": "2020-01-01"
}

Result:
[{ "PortfolioKey": 446, "LastUpdateDate": "2022-06-16T14:26:55.623Z", "ReportingDayNumber": 15, "ReportingNotes": null, "ReportingPeriodDescription": "End of Month", "ReportingTypeDescription": "Monthly Report" }]

Return Class

```
public class DWPortfolioReportingSummary { public int PortfolioKey { get; set; } public string ReportingTypeDescription { get; set; } public string ReportingPeriodDescription { get; set; } public short? ReportingDayNumber { get; set; } public string ReportingNotes { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Portfolio Role

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/portfolio/role	<pre>{ "PortfolioKeys": [{ "PortfolioKey": 270, "LastUpdateDate": "2020-01-01" }] }</pre>	vwPortfolioRole	Roles associated with a portfolio in the same manner as Asset and Acquisition roles. These roles may be independent of the asset roles for assets within the portfolio.	CanViewAsset CanPullDataB

Example

Body: {

"PortfolioKeys":[,

"LastUpdateDate": "2020-01-01"

}

Result:

```
[ { "PortfolioKey": 270, "LastUpdateDate": "2022-04-07T14:52:19.453Z", "ActingParty": "Deloitte",
  "RoleDescription": "Accounts and Finance", "FunctionName": "Asset Management" } ]
```

Return Class

```
public class DWPortfolioRoleSummary { public int PortfolioKey { get; set; } public string FunctionName {
get; set; } public string RoleDescription { get; set; } public string ActingParty { get; set; } public
DateTime? LastUpdateDate { get; set; } }
```

Portfolio User Defined Key

Request URL	Request Body	Database View	Description
[Base API URL]/api/client/get/portfolio/userdefinedkey	{ "PortfolioKeys": [int PortfolioKey, int PortfolioKey], "LastUpdateDate": date } LastUpdateDate}	vwPortfolioUserDefinedValue	Any custom user-defined fields values the portfolio

Example

Body: {

"PortfolioKeys": [],

"LastUpdateDate": "2020-01-01"

}

Result:

```
[ { "UserDefinedKeyID": 425, "PortfolioUserDefinedValueID": 49, "PortfolioKey": 19, "UpdateDate": "2023-02-17T16:05:36.250Z", "Name": "Port Test Small Txt", "Value": "1" } ]
```

Return Class

```
public class DWPortfolioUserDefinedValueSummary { public int PortfolioKey { get; set; } public string Value { get; set; } public string Name { get; set; } public DateTime? UpdateDate { get; set; } public int PortfolioUserDefinedValueID { get; set; } public int UserDefinedKeyID { get; set; } }
```

Property

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/property	{ "AssetKeys": [int AssetKey, int AssetKey], "SubAssetKeys": [int SubAssetKey, int SubAssetKey], "PropertyKeys": [int PropertyKey, int PropertyKey], "LastUpdateDate": date } LastUpdateDate}	vwProperty	Master table for property data.	CanViewAsset CanPullDataB

Example

Body: {

"PropertyKeys": [],

"SubAssetKeys": [],

```
"AssetKeys": [154],
"LastUpdateDate": "2022-01-01"
}
```

Result:

```
[ { "NumberOfFloors": 0, "NumberOfBuildings": 1, "NumberOfUnits": 0, "AssetKey": 154, "SubAssetID": 113,
"SubAssetKey": 115, "PropertyKey": 162, "UOMID": null, "StorageAreaUOMID": null, "SiteAreaUOMID": null,
"GrossAreaUOMID": null, "GLAAreaUOMID": null, "IncomeSecurityYears": null, "AnnualRentAmount": null,
"ParkingSpaces": 0, "LastRenovationDate": null, "BuildingSizeMRA": 0, "NCREIFGeographyKey": 44,
"LastUpdateDate": "2022-09-28T16:58:05.673Z", "DispositionDate": "2022-11-22T00:00:00Z", "IsDevelopment":
false, "IsDominant": true, "ZoningDescription": null, "PropertySystemName": null, "ParkingCount": 0,
"Longitude": -98.60670540, "Latitude": 29.61056250, "GrossArea": null, "SiteArea": null,
"OccupiedPercent": null, "GLAArea": 0, "PortfolioID": 127, "AssetID": 148, "PropertyID": 163,
"PropertyTenure": null, "UnitAmenitiesDescription": null, "ParkingLotDescription": null,
"QualityClassification": null, "SubAssetClass": "Land", "AssetClass": null, "Sub_Market": null,
"MSA_Market": "San Antonio-New Braunfels, TX MSA", "Country": "United States Of America", "Zip_Postal":
"78256", "State": "Texas", "City": "San Antonio", "Address": " ", "Currency": "AUD", "Stage": null,
"Status": "Setup", "Type": "Fee Simple", "LegalEntity": null, "AccountingID": "PV04010006",
"SecondaryPropertyManager": null, "PropertyManagementOther": null, "AccountsFinance": null,
"LeasingBroker": null, "PropertyManager": null, "PropertyManagementCompany": null,
"TaxConsultantCompany": null, "InvestmentStructure": "Joint Venture", "InvestmentStrategy":
"Opportunistic ", "Region": "Austin", "YearLastRenovated": null, "ParkingDistributionDescription": null,
"CountryName": "United States Of America", "CountyName": "Bexar County", "CeilingHeightDescription":
null, "L3Description": null, "PropertyStageDescription": null, "NCREIFDivisionName": "Southwest",
"NCREIFRegionName": "South", "MSACode": "41700", "MarketName": null, "StateProvinceName": "Texas",
"PropertyName": "18603 La Cantera Ter", "PropertyClassName": null, "MSADescription": "San Antonio-New
Braunfels, TX MSA", "PostalCode": "78256", "PropertyStatusDescription": "Setup", "SubMarketName": null,
"YearBuilt": null, "PropertyAddress": "18603 La Cantera Ter", "StateProvinceAbbreviation": "TX",
"CityName": "San Antonio", "L2Description": null, "L1Description": "Land", "PortfolioName": "18603 La
Cantera Ter", "AssetName": "18603 La Cantera Ter", "AccountingCode": "PV04010006" } ]
```

Return Class

```
public class DWPropertySummary { public int PropertyKey { get; set; } public int? PropertyID { get; set;
} public int SubAssetKey { get; set; } public int SubAssetID { get; set; } public int AssetKey { get;
set; } public int? AssetID { get; set; } public string AccountingCode { get; set; } public string
AssetName { get; set; } public int? PortfolioID { get; set; } public string PortfolioName { get; set; }
public string L1Description { get; set; } public string L2Description { get; set; } public int? GLAArea {
get; set; } public decimal? OccupiedPercent { get; set; } public int NumberOfUnits { get; set; } public
string CityName { get; set; } public string StateProvinceAbbreviation { get; set; } public string
PropertyAddress { get; set; } public string YearBuilt { get; set; } public decimal? SiteArea { get; set;
} public string SubMarketName { get; set; } public string PropertyStatusDescription { get; set; } public
int? GrossArea { get; set; } public string PostalCode { get; set; } public string MSADescription { get;
set; } public string PropertyClassName { get; set; } public int NumberOfBuildings { get; set; } public
int NumberOfFloors { get; set; } public decimal? Latitude { get; set; } public decimal? Longitude { get;
set; } public string PropertyName { get; set; } public int? ParkingCount { get; set; } public int?
PropertySystemName { get; set; } public int? ZoningDescription { get; set; } public string
StateProvinceName { get; set; } public string MarketName { get; set; } public string MSACode { get; set;
} public string NCREIFRegionName { get; set; } public string NCREIFDivisionName { get; set; } public
string PropertyStageDescription { get; set; } public string L3Description { get; set; } public bool?
IsDominant { get; set; } public bool? IsDevelopment { get; set; } public string CeilingHeightDescription
```

```
{ get; set; } public string CountyName { get; set; } public string CountryName { get; set; } public
DateTime? DispositionDate { get; set; } public string ParkingDistributionDescription { get; set; } public
string YearLastRenovated { get; set; } public DateTime? LastUpdateDate { get; set; } public int?
NCREIFGeographyKey { get; set; } public string Region { get; set; } public string InvestmentStrategy {
get; set; } public string InvestmentStructure { get; set; } public string TaxConsultantCompany { get;
set; } public string PropertyManagementCompany { get; set; } public string PropertyManager { get; set; }
public string LeasingBroker { get; set; } public string AccountsFinance { get; set; } public string
PropertyManagementOther { get; set; } public string SecondaryPropertyManager { get; set; } public string
AccountingID { get; set; } public string LegalEntity { get; set; } public string Type { get; set; }
public string Status { get; set; } public string Stage { get; set; } public string Currency { get; set; }
public string Address { get; set; } public string City { get; set; } public string State { get; set; }
public string Zip_Postal { get; set; } public string Country { get; set; } public string MSA_Market {
get; set; } public string Sub_Market { get; set; } public string AssetClass { get; set; } public string
SubAssetClass { get; set; } public int? BuildingSizeMRA { get; set; } public string QualityClassification
{ get; set; } public DateTime? LastRenovationDate { get; set; } public string ParkingLotDescription {
get; set; } public int? ParkingSpaces { get; set; } public string UnitAmenitiesDescription { get; set; }
public string PropertyTenure { get; set; } public decimal? AnnualRentAmount { get; set; } public decimal?
IncomeSecurityYears { get; set; } public int? GLAAreaUOMID { get; set; } public int? GrossAreaUOMID {
get; set; } public int? SiteAreaUOMID { get; set; } public int? StorageAreaUOMID { get; set; } public
int? UOMID { get; set; } }
```

Property Management Company

Request URL	Request Type	Request Body	Description	Permission
[Base API URL]/api/client/get/pmc	GET	{ "PMCKey": integer PMCKey, "PMCName": string PMCName, "PMCCode": string PMCCode, "LastUpdateDate": date LastUpdateDate}	Returns a grouping of property management company models.	CanViewAssetAPIData, CanPullDataByAPI

Example

Body: {

```
"PMCKey":null,
"PMCName": null,
"PMCCode": "PMCCO1",
"LastUpdateDate": null
}
```

Result:

```
[ { "PMCKey": 1, "LastUpdateDate": "2020-11-20T16:11:22.280Z", "PMCName": "JLL", "PMCCode": "PMCCO1" } ]
```

Return Class

```
public class DWPropertyManagementCompanySummary { public int PMCKey { get; set; } public string PMCCode { get; set; } public string PMCName { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Property User Defined Value (Custom Fields)

Request URL	Request Body	Database View
[Base API URL]/api/client/get/subasset/property/userdefinedvalue	{ "PropertyKeys": [int PropertyKey, int PropertyKey], "BeginSearchByDate": string DateValue, "EndSearchByDate": string DateValue, "ReferenceType": string ReferenceType, "LastUpdateDate": date LastUpdateDate }	vwPropertyUserDefinedValue

Example

```
Body: {
  "PropertyKeys": [],
  "BeginSearchByDate": null,
  "EndSearchByDate": null,
  "ReferenceType": "Property",
  "LastUpdatedDate": "2023-03-16"
}
Result:
[ { "UserDefinedKeyID": 362, "PropertyUserDefinedValueID": 269, "PropertyKey": 46, "LastUpdateDate": "2024-06-24T15:00:45.463Z", "UpdateDate": "2024-06-24T15:00:45.463Z", "ReferenceDate": null, "ReferenceType": "Property", "Value": "0.85", "Name": "Property Test Percent", "PropertyTypeDescription": null } ]
```

Return Class

```
public class DWPropertyUserDefinedValueSummary { public int PropertyKey { get; set; } public string PropertyTypeDescription { get; set; } public string Name { get; set; } public string Value { get; set; } public DateTime? ReferenceDate { get; set; } public DateTime? UpdateDate { get; set; } public string ReferenceType { get; set; } public DateTime? LastUpdateDate { get; set; } public int PropertyUserDefinedValueID { get; set; } public int UserDefinedKeyID { get; set; } }
```

PMC User Defined Value (Custom Fields)

4/20/26, 3:09 PMOutbound APIs - Overview

Request URL	Request Body	Database View	Descripti
[Base API URL]/api/client/get/pmc/userdefinedvalue	<pre>{ "PMCID": [int PMCID, int PMCID], "BeginSearchByDate": string DateValue, "EndSearchByDate": string DateValue, "ReferenceType": string ReferenceType, "LastUpdateDate": date LastUpdateDate }</pre>	vwPMCUserDefinedValue	Any custom, user-defined fields and values for the pmc.

Example

Body: {
"PMCKeys": [],
"BeginSearchByDate": null,
"EndSearchByDate": null,
"ReferenceType": null,
"LastUpdatedDate": "2022-11-30"
}
Result:
[{ "UserDefinedKeyID": 297, "PMCUserDefinedValueID": 7, "PMCKey": 1, "PMCID": 1, "LastUpdateDate": "2023-02-24T20:58:22.923Z", "UpdateDate": "2023-02-24T20:58:22.923Z", "ReferenceDate": "2023-02-24T00:00:00Z", "ReferenceType": "PMC", "Value": "This is only a test", "Name": "ESGSocial_HumanRights", "PMCName": "JLL" }]

Return Class

```
public class DWPMCUserDefinedValueSummary { public int PMCID { get; set; } public string PMCName { get; set; } public string Name { get; set; } public string Value { get; set; } public DateTime? ReferenceDate { get; set; } public int PMCKey { get; set; } public DateTime? UpdateDate { get; set; } public string ReferenceType { get; set; } public DateTime? LastUpdateDate { get; set; } public int PMCUserDefinedValueID { get; set; } public int UserDefinedKeyID { get; set; } }
```

Receivables

4/20/26, 3:09 PMOutbound APIs - Overview

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/lease/receivables	{ "AssetKeys": [int AssetKey, int AssetKey], "PeriodDate": date PeriodDate, "TenantNames": [string TenantName, string TenantName] }]	vwReceivable	Returns list of receivables by investment.	CanViewLeaseAl CanPullDataByA

Example

Body: {
 "AssetKeys":null,
 "PeriodDate": null,
 "TenantNames":null
}

Result:
[{ "LastUpdateDate": "2024-02-19T16:41:59.347Z", "Over120Amount": 0.0000, "NinetyOneTo120Amount": 0.0000, "PeriodDate": "2022-10-31T00:00:00Z", "AssetKey": 366, "OweOver90Amount": 0.0000, "Owe6190Amount": 0.0000, "Owe3160Amount": 0.0000, "OweUnder30Amount": 7069.4900, "UpdatedBy": "brennan.carter@pereviewsoftware.com", "AgingComments": "This is a comment", "TenantName": "Precision Overhead Door of San Antonio Inc", "SourceLeaseCode": "provdor", "Units": "0616" }]

Return Class

```
public class DWReceivablesSummary { public int AssetKey { get; set; } public DateTime PeriodDate { get; set; } public string Units { get; set; } public string SourceLeaseCode { get; set; } public string TenantName { get; set; } public decimal? OweUnder30Amount { get; set; } public decimal? Owe3160Amount { get; set; } public decimal? Owe6190Amount { get; set; } public decimal? OweOver90Amount { get; set; } public decimal NinetyOneTo120Amount { get; set; } public decimal Over120Amount { get; set; } public string AgingComments { get; set; } public DateTime LastUpdateDate { get; set; } public string UpdatedBy { get; set; } }
```

Rent Roll

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/rentroll	{"SubAssetKeys": [int SubAssetKey, int SubAssetKey]}	vwRentRoll	Future use.	CanViewLeaseAPIData, CanPullDataByAPI

Example

Body: {"SubAssetKeys":[7]} or {"SubAssetKeys":[]}

Result:

[{ "SubAssetKey": 7, "Renovated": 68, "Vacant": 2, "Occupied": 296, "LeaseRent": 582.11, "MarketRent": 670.06, "Baths": 298, "Beds": 298, "RentableAreaAsDecimal": 669.369127, "RentableArea": 669, "UnitCount": 298, "FloorPlan": "A1" }]

Return Class

```
` public class DWRentRollSummary
{
public int SubAssetKey { get; set; }
public string FloorPlan { get; set; }
public int? UnitCount { get; set; }

[ObsoleteAttribute("As of August 2023 this field is now obsolete, please use the RentableAreaAsDeci
public int? RentableArea { get; set; }

public decimal? RentableAreaAsDecimal { get; set; }
public int? Beds { get; set; }
public int? Baths { get; set; }
public decimal? MarketRent { get; set; }
public decimal? LeaseRent { get; set; }
public int? Occupied { get; set; }
public int? Vacant { get; set; }
public int? Renovated { get; set; }
},`
```

Rent Roll Summary

Request URL	Request Body	Database View	Description	Perm
[Base API URL]/api/client/get/rentroll/summary	<pre>{ "AssetKeys": [int AssetKey, int AssetKey], "UnitKeys": [int UnitKey, int UnitKey], "EffectiveDateKey": int EffectiveDateKey, "LastUpdateDate": DateTime? LastUpdateDate} </pre>	vwRentRollSummarie	Expanded Rent Roll Summary.	CanV CanP

Example

Body: {

```
  "AssetKeys": [3],
  "UnitKeys": [],
  "EffectiveDateKey": null,
  "LastUpdateDate": null
}
```

Result:

```
[ { "UnitKey": 213,          "UnitID": 229,          "AssetKey": 3,          "EffectiveDateKey": 20210531,
    "LastUpdateDate": "2021-06-01T05:15:52.120Z",      "MonthlyCAMAmount": null,
    "MonthlyMarketRentAmount": null,                  "MonthlyProrateLeaseRentAmount": null,
    "MonthlyLeaseRentAmount": null,                   "MoveOutDateKey": null,          "MoveInDateKey": null,
    "LeaseEndDateKey": null,                          "LeaseStartDateKey": null,      "UsableArea": null,
    "LeaseableArea": 9535.0000,                       "TenantID": null,              "IsOccupied": false,
    "LeaseStatusActive": false,                       "TenantName": null,            "LeaseStatusDescription": "Vacant",
    "SourceLeaseCode": null,                          "UnitCode": "115",             "FloorCode": "Floor1",
    "BuildingCode": "A" } ]
```

Return Class

```
public class DWRentRollExpandedSummary { public int EffectiveDateKey { get; set; } public int AssetKey {
get; set; } public string BuildingCode { get; set; } public string FloorCode { get; set; } public string
UnitCode { get; set; } public int UnitID { get; set; } public string SourceLeaseCode { get; set; } public
string LeaseStatusDescription { get; set; } public bool? LeaseStatusActive { get; set; } public bool?
IsOccupied { get; set; } public int? TenantID { get; set; } public string TenantName { get; set; } public
decimal? LeaseableArea { get; set; } public decimal? UsableArea { get; set; } public int?
LeaseStartDateKey { get; set; } public int? LeaseEndDateKey { get; set; } public int? MoveInDateKey {
get; set; } public int? MoveOutDateKey { get; set; } public decimal? MonthlyLeaseRentAmount { get; set; }
public decimal? MonthlyProrateLeaseRentAmount { get; set; } public decimal? MonthlyMarketRentAmount {
get; set; } public decimal? MonthlyCAMAmount { get; set; } public int UnitKey { get; set; } public
DateTime? LastUpdateDate { get; set; } }
```

Scenario

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/scenario	{"ScenarioKeys": [int ScenarioKey, int ScenarioKey]}	vwScenario	Indicates whether the data is budget, forecast, actuals, etc. Primarily used for G/L transactions and occupancy history.	CanViewAccountingAPI CanPullDataByAPI

Example

Body: {"ScenarioKeys":[1]} or {"ScenarioKeys":[]}

Result:

[{ "ScenarioKey": 1, "ScenarioDescription": "Actuals" }]

Return Class

```
public class DWScenarioSummary { public short ScenarioKey { get; set; } public string ScenarioDescription { get; set; } }
```

Senior Living

4/20/26, 3:09 PMOutbound APIs - Overview

Request URL	Request Type	Request Body	Description	Permission
[Base API URL]/api/client/get/asset/senior	GET	{ "AssetKey": integer AssetKey, "AccountingCode": string AccountingCode, "BeginSearchDate": string DateTime, "EndSearchDate": string DateTime, "LastUpdateDate": date LastUpdateDate }	Returns a grouping of senior living models.	CanViewAssetAPIData, CanPullDataByAPI

Example

Body: {
 "AssetKey": 165,
 "AccountingCode": null,
 "BeginSearchDate": null,
 "EndSearchDate": null,
 "LastUpdateDate": null
}
Result:
[{ "AssetKey": "Test", "AssetKey": 1, "AccountingCode": "TestAccountingCode", "ScenarioKey": 1, "ScenarioDescription": "TestDescription", "CensusUnitName": "TestCensusUnit", "PeriodDate": "2016-05-15T07:55:29.403Z", "Amount": 150.00, "SeniorOccupancyKey": 1, "SeniorMetricName": "Test Metric Name", "LastUpdateDate": "2022-05-15T07:55:29.403Z" }]

Return Class

```
public class DWSeniorLivingSummary { public string AssetName { get; set; } public int AssetKey { get; set; } public string AccountingCode { get; set; } public short? ScenarioKey { get; set; } public string ScenarioDescription { get; set; } public string CensusUnitName { get; set; } public DateTime? PeriodDate { get; set; } public decimal Amount { get; set; } public int SeniorOccupancyKey { get; set; } public string SeniorMetricName { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

SubAsset

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/subasset	{"SubAssetKeys":[int SubAssetKey, int SubAssetKey],"AssetKeys":[int AssetKey, int AssetKey],"PMCKeys":[int PMCKeys, int PMCKeys], "LastUpdateDate": date LastUpdateDate}	vwSubAsset	A sub-asset is defined as an accounting code, or a cash flow. It is the level in the asset at which the G/L transactions are stored. A single sub-asset may have multiple physical properties.	CanViewAssetA CanPullDataBy,

Example

Body: {
"SubAssetKeys":[],
"AssetKeys":[],
"PMCKeys":[3],
"LastUpdateDate": "2023-02-02"
}
Result:
[{ "SubAssetID": 3, "AssetKey": 3, "SubAssetKey": 3, "LastUpdateDate": "2023-02-02T18:11:58.420Z",
"PMCKey": 3, "Longitude": null, "Latitude": null, "AccountingCode": "L3", "PortfolioName": "590 Van
Ness", "AssetName": "590 Van Ness", "SubAssetTypeDescription": "REO", "SubAssetName": "L3 Transactions" }
]

Return Class

```
public class DWSubAssetSummary { public int SubAssetKey { get; set; } public string SubAssetName { get; set; } public string SubAssetTypeDescription { get; set; } public string AssetName { get; set; } public string PortfolioName { get; set; } public int AssetKey { get; set; } public decimal? Latitude { get; set; } public decimal? Longitude { get; set; } public string AccountingCode { get; set; } public int SubAssetID { get; set; } public int? PMCKey { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

SubAsset Custom Metrics

Request URL	Request Body	Database View	Descrip
[Base API URL]/api/client/get/subassetmetric	<pre>{ "SubAssetMetricKeys": [int SubAssetMetricKey, int SubAssetMetricKey], "SubAssetKeys": [int SubAssetKey, int SubAssetKey], "MetricKeys": [int MetricKey, int MetricKey], "MetricName": string MetricName, "LastUpdateDate": date LastUpdateDate }</pre>	vwSubAssetMetrics	A sub-asset is defined as an account code, or cash flow. It is the ledger in the account at which the G/L transactions are stored. A single sub-asset may have multiple physical properties.

Example

Body: {
 "SubAssetMetricKeys": null,
 "SubAssetKeys": [92],
 "MetricKeys": null,
 "MetricName": null,
 "LastUpdateDate": null
}

Result:

```
[ { "ScenarioKey": 2, "MetricKey": 7, "PostDateKey": 20150201, "SubAssetKey": 92, "SubAssetMetricKey": 212314, "LastUpdateDate": "2024-07-16T16:59:08.460Z", "InsertDate": "2024-03-06T19:27:30.633Z", "CurrencyKey": 12, "TransactionAmount": 114800.0000, "IsBalance": false, "CurrencyCode": "USD", "ScenarioDescription": "Budget", "MetricName": "Revenue", "AccountingCode": "RP09", "SubAssetName": "275 Battery" } ]
```

Return Class

```
public class DWSubAssetMetricSummary {
    public int SubAssetMetricKey { get; set; }
    public int SubAssetKey { get; set; }
    public string SubAssetName { get; set; }
    public string AccountingCode { get; set; }
    public int PostDateKey { get; set; }
    public int MetricKey { get; set; }
    public string MetricName { get; set; }
    public bool? IsBalance { get; set; }
    public int ScenarioKey { get; set; }
    public string ScenarioDescription { get; set; }
    public decimal? TransactionAmount { get; set; }
    public int? CurrencyKey { get; set; }
    public string CurrencyCode { get; set; }
    public DateTime? InsertDate { get; set; }
    public DateTime? LastUpdateDate { get; set; }
}
```

SubAsset Fund (DEPRECATED DO NOT USE)

Request URL	Request Body	Database View	Description	Perm
[Base API URL]/api/client/get/subasset/fund	<pre>{ "SubAssetKeys": [int SubAssetKey, int SubAssetKey], "FundKeys": [int FundKey, int FundKey], "LastUpdateDate": date LastUpdateDate }</pre>	vwSubAssetFund	A cross-reference table to associate a sub-asset to specific funds. This is often used when G/L transactions apply to only one partner in a JV asset. In that case the asset may contain multiple sub-assets, and an individual sub-asset may apply to only one JV partner, or both partners.	CanV CanP

Example

Body: {
 "SubAssetKeys": [],
 "FundKeys": [2],
 "LastUpdateDate": null
}

Result:

```
[ { "FundKey": 2, "SubAssetKey": 7, "LastUpdateDate": "2019-07-15T20:11:50.720Z", "OwnershipPercentage": 100.000000 } ]
```

Return Class

```
public class DWSubAssetFundSummary { public int SubAssetKey { get; set; } public int FundKey { get; set; } public decimal? OwnershipPercentage { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

SubAsset Loan

Request URL	Request Body	Database View	Description	Permi
[Base API URL]/api/client/get/subasset/loan	{"SubAssetKeys":[int SubAssetKey, int SubAssetKey],"LoanKeys": [int LoanKey, int LoanKey], "LastUpdateDate": date LastUpdateDate}	vwSubAssetLoans	A cross-reference table to associate a sub-asset to specific loans.	CanV CanPi

Example

Body: {
 "SubAssetKeys":[],
 "LoanKeys":[4],
 "LastUpdateDate": null
}

Result:
[{ "LoanKey": 4, "SubAssetKey": 12, "LastUpdateDate": "2016-06-28T00:09:14.067Z", "LoanAllocation": 120000000.0000 }]

Return Class

```
public class DWSubAssetLoanSummary { public int SubAssetKey { get; set; } public int LoanKey { get; set; } public decimal? LoanAllocation { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Time

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/time	{ "DayKeys": [int DayKey, int DayKey], "LastUpdateDate": date LastUpdateDate }	vwTime	This table stores dates and corresponding information such as fiscal calendar information. The DayKey is just the actual calendar date in the numeric format of YYYYMMDD.	CanViewConfigurationAPIID. CanPullDataByAPI

Example

Body: {

"DayKeys": [],

"LastUpdateDate": "2018-06-01"

}

Result:

```
[ { "DayKey": 21020228, "LastUpdateDate": "2020-09-29T06:00:41.937Z", "Year": 2102, "Quarter": 1,
  "MonthNumber": 2, "DayOfMonth": 28, "CalendarDate": "2102-02-28T00:00:00Z", "MonthName": "February",
  "DayOfWeekName": "Tuesday" } ]
```

Return Class

```
public class DWTimeSummary { public int DayKey { get; set; } public DateTime? CalendarDate { get; set; }
public string DayOfWeekName { get; set; } public short? DayOfMonth { get; set; } public short?
MonthNumber { get; set; } public string MonthName { get; set; } public short? Quarter { get; set; }
public int? Year { get; set; } public DateTime? LastUpdateDate { get; set; } }
```

Unit

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/unit	<pre>{ "PropertyKeys": [int PropertyKey, int PropertyKey], "LastUpdateDate": date LastUpdateDate} </pre>	vwUnit	An individual unit in a property. The building and floor data has been denormalized into this table.	CanViewLeaseAPIData, CanPullDataByAPI

Example

Body: {

"PropertyKeys": [],

"LastUpdateDate": "2023-01-01"

}

Result:

```
[ { "RentableAreaAsDecimal": 14200.0000, "RentableArea": 14200, "LastUpdateDate": "2023-03-10T13:41:38.983Z", "IsActive": false, "UnitKey": 12348, "UsableAreaAsDecimal": 14200.0000, "UsableArea": 14200, "NumberOfBeds": null, "NumberOfBaths": null, "MarketRentAmount": 77390.0000, "FloorLevelNumber": null, "PropertyKey": 332, "FloorPlanName": null, "FloorPlanCode": null, "UnitTypeDescription": "test", "UnitTypeCode": "test", "UnitCode": "100", "FloorDescription": "1", "FloorCode": "1", "BuildingDescription": null, "BuildingName": "1", "BuildingCode": "1" } ]
```

Return Class

```
` public class DWUnitSummary
{
    public int? PropertyKey { get; set; }
    public string BuildingCode { get; set; }
    public string BuildingName { get; set; }
    public string BuildingDescription { get; set; }
    public string FloorCode { get; set; }
    public string FloorDescription { get; set; }
    public short? FloorLevelNumber { get; set; }
    public string UnitCode { get; set; }
    public decimal? MarketRentAmount { get; set; }
    public int? NumberOfBaths { get; set; }
    public int? NumberOfBeds { get; set; }
}
```

```
[ObsoleteAttribute("As of August 2023 this field is now obsolete, please use the RentableAreaAsDecimal")]
public int RentableArea { get; set; }
[ObsoleteAttribute("As of August 2023 this field is now obsolete, please use the UsableAreaAsDecimal")]
public int? UsableArea { get; set; }

public decimal RentableAreaAsDecimal { get; set; }
public decimal? UsableAreaAsDecimal { get; set; }
public string UnitTypeCode { get; set; }
public string UnitTypeDescription { get; set; }
public int? UnitKey { get; set; }
public string FloorPlanCode { get; set; }
public string FloorPlanName { get; set; }
public bool? IsActive { get; set; }
public DateTime? LastUpdateDate { get; set; }
}
```

Unit History

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/unit/history	{"UnitKeys":[int UnitKey, int UnitKey], "LastUpdateDate": date LastUpdateDate}	vwUnitHistory	A history of changes made to a unit, including square footage, floor plan, market rent and others.	CanViewLeaseAPI CanPullDataByAPI

Example

Body: {
"UnitKeys":[18],
"LastUpdateDate": null
}
Result:
[{ "SnapshotDate": "2018-09-17T19:51:02.653Z", "EndDate": "9999-12-31T00:00:00Z", "StartDate": "1900-01-01T00:00:00Z", "UnitKey": 18, "LastUpdateDate": "2018-09-17T19:51:02.653Z", "NumberOfBaths": null, "NumberOfBeds": null, "MarketRentAmount": null, "RentableArea": null, "UsableArea": null, "UnitTypeDescription": null, "FloorPlanName": null, "UOMName": null }]

Return Class

```
public class DWUnitHistorySummary { public int UnitKey { get; set; } public int? UsableArea { get; set; } public int? RentableArea { get; set; } public decimal? MarketRentAmount { get; set; } public DateTime StartDate { get; set; } public DateTime EndDate { get; set; } public string UOMName { get; set; } public
```

```
string FloorPlanName { get; set; } public string UnitTypeDescription { get; set; } public int?
NumberOfBeds { get; set; } public int? NumberOfBaths { get; set; } public DateTime SnapshotDate { get;
set; } public DateTime? LastUpdateDate { get; set; } }
```

Unit Lease

Request URL	Request Body	Database View	Description	Permission
[Base API URL]/api/client/get/unit/lease	{ "UnitKeys":[int UnitKey, int UnitKey], "LeaseKeys":[int LeaseKey, int LeaseKey], "LastUpdateDate": date LastUpdateDate}	vwUnitLease	A cross-reference table that associates units in a property to their corresponding leases.	CanViewLeaseAPI CanPullDataByAPI

Example

Body: {

"UnitKeys":[],

"LeaseKeys":[4],

"LastUpdateDate": null

}

Result:

```
[ { "RentableAreaAsDecimal": 9369.0000, "UnitLeaseID": 4, "RentableArea": 9369, "UnitKey": 3,
  "LeaseKey": 4, "LastUpdateDate": null, "PastDueAmount": null, "PriorRent": null, "LoadFactorPercent":
  null, "UnitExpirationDate": "2016-08-31T00:00:00Z", "MoveOutDate": "2016-08-31T00:00:00Z", "MoveInDate":
  "2009-06-01T00:00:00Z", "UsableAreaAsDecimal": 9369.0000, "UsableArea": 9369, "IsPrimaryUnit": null } ]
```

Return Class

```
` public class DWUnitLeaseSummary
{
  public int LeaseKey { get; set; }
  public int UnitKey { get; set; }
  public bool? IsPrimaryUnit { get; set; }
```

```
[ObsoleteAttribute("As of August 2023 this field is now obsolete, please use the RentableAreaAsDeci
public int RentableArea { get; set; }
[ObsoleteAttribute("As of August 2023 this field is now obsolete, please use the UsableAreaAsDecima
public int? UsableArea { get; set; }

public decimal RentableAreaAsDecimal { get; set; }
public decimal? UsableAreaAsDecimal { get; set; }
public DateTime? MoveInDate { get; set; }
public DateTime? MoveOutDate { get; set; }
public DateTime? UnitExpirationDate { get; set; }
public decimal? LoadFactorPercent { get; set; }
public decimal? PriorRent { get; set; }
public decimal? PastDueAmount { get; set; }
public int UnitLeaseID { get; set; }
public DateTime? LastUpdateDate { get; set; }
}
`
```

Unit User Defined Key

Request URL	Request Body	Database View	Description
[Base API URL]/api/client/get/unit/userdefinedkey	{ "UnitKeys":[int UnitKey, int UnitKey], "UnitIDs":[int UnitID, int UnitID], "LastUpdateDate": date LastUpdateDate}	vwUnitUserDefinedValue	Any custom, user- defined fields and values for the unit.

Example

Body: {

```
"UnitKeys":[ ],
"UnitIDs": [ ],
"LastUpdateDate": "2020-01-01"
}
```

Result:

```
[ { "UserDefinedKeyID": 534, "UnitUserDefinedValueID": 1, "UnitKey": 26397, "UnitID": 28574,
"UpdateDate": "2024-02-08T16:34:16.603Z", "Name": "Test 123", "Value": "24M Technologies" } ]
```

Return Class

```
public class DWUnitUserDefinedValue { public int UnitKey { get; set; } public int UnitID { get; set; }
public string Value { get; set; } public string Name { get; set; } public DateTime? UpdateDate { get;
set; } public int UnitUserDefinedValueID { get; set; } public int UserDefinedKeyID { get; set; } }
```

Workflow Task User Defined Value

Request URL	Request Body	Database View
[Base API URL]/api/client/get/workflowtask/userdefinedkey	{"AssetIDs": [list of int] , "WorkflowTemplateIDs":[list of int], "WorkflowTemplateNameSearch": [string], "PeriodDate": [date], "LastUpdateDate": [date]}	vwWorkflowTaskUs

Example

Body: {
"AssetIDs": [599],
"WorkflowTemplateIDs": [4, 5, 6],
"WorkflowTemplateNameSearch": "*Office*",
"PeriodDate": "2024-07-01",
"LastUpdateDate": "2024-01-01"
}
Result:
[{ "LastUpdateDate": "2024-06-12T19:45:27.707Z", "PeriodDate": "2024-07-01T00:00:00Z",
"WorkflowCategoryID": 1, "WorkflowTemplateID": 5, "UserDefinedKeyID": 571, "AssetID": 599,
"WorkflowTaskUserDefinedValueID": 70, "SelectableValues": null, "UpperValue": "FILE UPLOADED TO AZURE",
"UpperName": "EXECUTIVE SUMMARY", "Value": "File Uploaded To Azure", "Name": "Executive Summary",
"AssetName": "1 2500 Regent", "WorkflowCategoryName": "Asset", "WorkflowTemplateName": "Monthly Office Package" }]

Return Class

```
public class DWWorkflowTaskUserDefinedValue
{
    public Nullable<int> WorkflowTaskUserDefinedValueID { get; set; }
    public Nullable<int> AssetID { get; set; }
    public Nullable<int> UserDefinedKeyID { get; set; }
    public int? WorkflowTemplateID { get; set; }
    public int? WorkflowCategoryID { get; set; }
    public string WorkflowTemplateName { get; set; }
    public string WorkflowCategoryName { get; set; }
    public string AssetName { get; set; }
    public Nullable<System.DateTime> PeriodDate { get; set; }
    public string Name { get; set; }
    public string Value { get; set; }
    public string UpperName { get; set; }
    public string UpperValue { get; set; }
    public string SelectableValues { get; set; }
    public Nullable<System.DateTime> LastUpdateDate { get; set; }
}
```