

Magic API Enhancements and Fixes

October, 2019

The date time Offset value is now consistent in the Members, MemberAssociation, Offices, OfficeAssociation, and EventsAndClasses resources.

InternetInformation's Date Timestamp has been properly converted to DateTimeOffset

Using \$filter on an expanded entity that is not a collection should now function correctly.

Fixed errors related to foreign key mapping for \$expand

Fixed errors related targeting a specific record in an entity that has composite keys.

Optimization of server-side resource usage.

Added MaxLength attribute to Metdata for all Edm.String fields.

Allowed the following to be available as direct endpoints if included in a feed (previously they were only available via \$expand if included):

1. CommitteeMeetings
2. CommitteeType
3. Courses
4. MemberType

Additional Fields have been made available for inclusion in feeds (* denotes a new Entity):

| Entity | Field |
|-------------------|---------------------|
| Members | BillingCycle |
| MemberAssociation | OnlineStatus |
| MemberAssociation | OnlineStatusDate |
| MemberImages* | MemberKeyNumeric |
| MemberImages* | MemberImageURL |
| MemberLanguages* | MemberKeyNumeric |
| MemberLanguages* | LanguageCode |
| MemberLanguages* | LanguageDescription |
| ListMakerFile* | ListCategory |
| ListMakerFile* | LanguageCode |
| ListMakerFile* | MemberOffice |
| ListMakerFile* | MemberOfficeNumber |
| ListMakerFile* | Comment |
| ListMakerFile* | Status |
| ListMakerFile* | Date |
| ListMakerFile* | Amount |
| ListCategory* | ListCategory |
| ListCategory* | Description |
| ListCategory* | SortOrder |
| ListCategory* | IMSStatus |

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|----------------|--------------------|
| ListCategory* | AllowComment |
| ListCategory* | AllowStatus |
| ListCategory* | AllowDate |
| ListCategory* | AllowAmount |
| ListCategory* | MaximumCodes |
| ListCategory* | IMSSearch |
| ListCode* | MemberOffice |
| ListCode* | Category |
| ListCode* | GroupCode |
| ListCode* | GroupDescription |
| ListCode* | GroupOwner |
| ListCode* | Status |
| ListCode* | DefaultDate |
| ListCode* | SortOrder |
| ListCode* | IMSStatus |
| ListCode* | AllowDelete |
| ListCode* | AddlInfoDocName |
| ListCode* | IMSSearch |
| BillingGroups* | Address1 |
| BillingGroups* | Address2 |
| BillingGroups* | ARAccount |
| BillingGroups* | ARDesc |
| BillingGroups* | AreaCode |
| BillingGroups* | Association |
| BillingGroups* | BillingGroup |
| BillingGroups* | CashAccount |
| BillingGroups* | CashDesc |
| BillingGroups* | ChargeCodeSet |
| BillingGroups* | City |
| BillingGroups* | DefaultAccount |
| BillingGroups* | DefaultDesc |
| BillingGroups* | DefaultInvoiceType |
| BillingGroups* | DefaultMember |
| BillingGroups* | FaxAreaCode |
| BillingGroups* | FaxPhone1 |
| BillingGroups* | GLCompany |
| BillingGroups* | GLLocation |
| BillingGroups* | InvAccount |
| BillingGroups* | InvDesc |
| BillingGroups* | Name |
| BillingGroups* | Phone1 |
| BillingGroups* | PrintAddress |
| BillingGroups* | State |
| BillingGroups* | TaxAccount |
| BillingGroups* | TaxDesc |
| BillingGroups* | ZipCode |

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|----------------|-------------------------------|
| BillingGroups* | ZipPlus4 |
| InvoiceHeader* | AmountApplied |
| InvoiceHeader* | BalanceDue |
| InvoiceHeader* | Batch |
| InvoiceHeader* | BillingGroup |
| InvoiceHeader* | BillingOffice |
| InvoiceHeader* | CurrentAmountApplied |
| InvoiceHeader* | GLControl |
| InvoiceHeader* | InventoryControl |
| InvoiceHeader* | InvoiceAmount |
| InvoiceHeader* | InvoiceDate |
| InvoiceHeader* | InvoiceKeyNumeric |
| InvoiceHeader* | InvoiceStatus |
| InvoiceHeader* | InvoiceTotal |
| InvoiceHeader* | InvoiceType |
| InvoiceHeader* | LastLineNumber |
| InvoiceHeader* | MemberKeyNumeric |
| InvoiceHeader* | OfficeKeyNumeric |
| InvoiceHeader* | Paid |
| InvoiceHeader* | PostStatus |
| InvoiceHeader* | PreviousAmountApplied |
| InvoiceHeader* | Reference |
| InvoiceHeader* | Source |
| InvoiceHeader* | StateControl |
| InvoiceHeader* | TaxAmount |
| InvoiceHeader* | TaxRate |
| InvoiceHeader* | TaxRateCode |
| InvoiceHeader* | TaxUpdateFlag |
| InvoiceHeader* | TaxableAmount |
| InvoiceTypes* | BreakOn |
| InvoiceTypes* | CashOrAccrual |
| InvoiceTypes* | ContributionDisclosure |
| InvoiceTypes* | Description |
| InvoiceTypes* | DisclosureFileName |
| InvoiceTypes* | DuesHistory |
| InvoiceTypes* | ECommerceSplit |
| InvoiceTypes* | FontChoice |
| InvoiceTypes* | InvoiceContributionDisclosure |
| InvoiceTypes* | InvoiceType |
| InvoiceTypes* | LateFeeCode |
| InvoiceTypes* | MemoCharges |
| InvoiceTypes* | MinimumPmtPercent |
| InvoiceTypes* | PayAll |
| InvoiceTypes* | PaymentPlan |
| InvoiceTypes* | SortSequence |
| InvoiceTypes* | UpdateStatus |

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|-------------------|----------------------|
| BillingCycles* | BillingCycle |
| BillingCycles* | Description |
| CommitteeMeetings | MeetingStartDateTime |
| CommitteeMeetings | MeetingEndDateTime |

Fields Removed:

| Entity | Field | Notes |
|-------------------|--------------|--|
| CommitteeMeetings | Meeting_Date | Replaced with MeetingStartDateTime and MeetingEndDateTime. |
| CommitteeMeetings | Start_Time | Replaced with MeetingStartDateTime |
| CommitteeMeetings | End_Time | Replaced with MeetingEndDateTime |