



Polaris Database Changes

(Polaris 5.1.261 to 5.2.199)



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New Tables in the Polaris Database

These tables were added to the Polaris database after Polaris 5.1.261:

Note:

There were no new tables in the Results or Transactions databases.

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- "__IRRecordStores Table__" on page 2
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__IRRecords Table__

This table contains one row for each persistent record saved in a record store.

Column Name	Data Type	Description
RecordID	int	Record store record identification number
RecordStoreID	int	Identifies the record store associated with the record store record
Position	int	Identifies the position of the record within a record store.
Name	nvarchar (255)	Identifies the name of the record (e.g. primary title).
Data	image	Contains cached record data (e.g. MARC).
LocalControlNumber	int	Identifies the local control number from which this record originated

__IRRecordStores Table__

Contains one row for each named record store owned by a given account. Currently, all accounts are patron accounts but other account types may be used in the future.

Column Name	Data Type	Description
RecordStoreID	int	Record store identification number
AccountID	int	Account identifier
Name	nvarchar (255)	Record store name
Sorted	bit	Indicates whether the record store is sorted by record name
CreationDate	datetime	Date the record store was created.

IRAttributeTypes Table

This table contains one row for each information retrieval attribute type.

Column Name	Data Type	Description
AttributeTypeID	int	Information retrieval attribute type identification number
Name	sysname	Information retrieval attribute type name
SortTypeID	tinyint	Identifies the sort order associated with the attribute type

IRAttributeValuesTable

This table contains one row for each information retrieval cache-entry/attribute-type pair.

Column Name	Data Type	Description
CachEntryID	int	Identifies the cache entry
AttributeTypeID	int	Identifies the attribute type
DisplayValue	nvarchar	Display value
NormalValue	nvarchar	Normalized value
NonFilingCount	int	The number of non-filing characters that should be ignored for collating purposes

IRCacheEntries Table

This table contains one row for each information retrieval cache entry.

Column Name	Data Type	Description
CacheEntryID	int	Information retrieval cache entry identification number
Hash	binary	Contains the SHA-1 hash or the (MARC) data
Data	varbinary	Contains the raw (MARC) data
LocalControlNumber	int	Identifies the local control number (bibliographic record identifier) associated with the cache entry

IRecordIndex Table

This table contains the collection limits set by the branch for floating collections.

Column Name	Data Type	Description
RecordStoreID	int	Identifies the record store
AttributeTypeID	int	Identifies the attribute type of the record store record
Position	int	Identifies the position of the record store record
RecordID	int	Identifies the record store record

IRSortTypes Table

This table contains one row for each information retrieval sort type.

Column Name	Data Type	Description
SortTypeID	tinyint	Information retrieval sort type identification number
Name	sysname	Information retrieval sort type name

BulkHolds Table

This table contains an entry for a bulk hold request used during the process of triaging and placing bulk holds.

Column Name	Data Type	Description
BH_TokenID	int	Unique identifier primary key
PatronID	int	ID of the patron placing the bulk hold request
PickupOrgID	int	ID of the pickup branch for the bulk hold request
RequestingOrgID	int	The organization set in the PAC from which the bulk hold request is being placed
LanguageID	int	The language selected in the PAC when the bulk hold request was placed
CreationDate	datetime	The date/time the bulk hold request was made

BulkHoldsBibs Table

For internal use only. This table contains one entry for each title requested in a bulk hold request used during the process of triaging and placing the requests.

Column Name	Data Type	Description
BH_TokenID	int	Foreign key reference to the parent table BulkHolds
BibID	int	The bibliographic record unique ID for the title being requested
Holdable	bit	Flag indicating whether the title is holdable
ActiveRequests	int	The number of outstanding active requests for the title
ErrMnemonic	varchar (4000)	The message mnemonic from webAdmin for the reason when a request cannot be placed
Chargable	bit	Flag indicating whether the patron can be charged for placing this request
HoldableCode	int	Internal code indicating why a title is not holdable (if non-zero)
ErrorMssg	nvarchar (4000)	The language translated exception message if the request cannot be placed

FacetKinds Table

This table contains one row for each facet kind.

Column Name	Data Type	Description
FacetKindID	tinyint	Facet kind identification number
Name	sysname	Facet kind name

PACAvailabilityFacetIndex Table

This table contains one row for each bibliographic record with one or more available pieces.

Column Name	Data Type	Description
BibliographicRecordID	int	Identifies the bibliographic record
FacetKeyChain	varbinary	Compressed binary chain of (availability) facet keys associated with the bibliographic record

SA_RemotePrimaryDisplayAuthor

This table contains one row for each (remote) author-based tag/subfield pair.

Column Name	Data Type	Description
BibAuthorPrecedence	int	Identifies the precedence of the tab/subfield pair
BibTagNumber	int	Identifies the (MARC) tag number
BibSubfield	char	Identifies the (MARC) subfield identifier

SA_RemotePrimaryDisplayTitle Table

This table contains one row for each (remote) title-based tag/subfield pair.

Column Name	Data Type	Description
BibTitlePrecedence	int	Identifies the precedence of the tag/subfield pair
BibTagNumber	int	Identifies the (MARC) tag number
BibSubfield	char	Identifies the (MARC) subfield identifier

Modified Tables in the Polaris Database

These modifications were made to existing tables in the Polaris database after Polaris 5.1.261.

Note:

There were no modifications to tables in the Results or Transactions databases.

- "BibliographicFacets Table" on page 9
- "BibliographicFacetTypes Table" on page 9
- "CircItemRecords Table" on page 10
- "CommunityInformationFacets Table" on page 10
- "CommunityInformationFacetTypes Table" on page 10
- "InnReachCirculationExceptions Table" on page 11
- "InnReachContributionExceptions Table" on page 11
- "IRRecords Table" on page 12
- "IRRecordStores Table" on page 12

BibliographicFacets Table

The BibliographicFacets table contains one row for each distinct bibliographic search facet. The ReferenceID column was added to this table.

Column Name	Data Type	Description
ReferenceID	int	Identifies the underlying identifier associated with the facet key. This column is optional and specific to the facet type.

BibliographicFacetTypes Table

The BibliographicFacetTypes table contains one row for each bibliographic facet type. The FacetKindID column was added to this table.

Column Name	Data Type	Description
FacetKindID	tinyint	Identifies the facet kind

CircItemRecords Table

The CircItemRecords table contains item record information used throughout Polaris circulation. The EffectiveItemStatusID column was added to this table.

Column Name	Data Type	Description
EffectiveItemStatusID	int	This computed column allows Shelving and Non-circulating item statuses to be correctly recognized since they are not 'real' statuses. This field is used by the PAC Suppress Item Display processing.

CommunityInformationFacets Table

This CommunityInformationFacets table contains one row for each distinct community information facet. The ReferenceID column was added to this table.

Column Name	Data Type	Description
ReferenceID	int	Identifies the underlying identifier associated with the facet key. This column is optional and specific to the facet type.

CommunityInformationFacetTypes Table

The CommunityInformationFacetTypes table contains one row for each community information facet type. The FacetKindID column was added to this table.

Column Name	Data Type	Description
FacetKindID	tinyint	Identifies the facet kind

InnReachCirculationExceptions Table

The InnReachCirculationExceptions table contains exceptions from the INN-Reach API message receiver. The Note column was expanded from 255 to 1024.

Column Name	Data Type	Description
Note	varchar (1024)	Additional details associated with the exception

InnReachContributionExceptions Table

The InnReachContributionExceptions table contains exceptions related to the upload processing of records via the InnReachContributionQueue. The Note column was expanded from 255 to 1024.

Column Name	Data Type	Description
Note	varchar (1024)	Additional details associated with the exception

IRRecords Table

The IRRecords table contains one row for each information retrieval record store. The CacheEntryID and AddedDate columns were added to this table.

Column Name	Data Type	Description
CacheEntryID	int	Identifies the cache entry associated with the record store record
AddedDate	datetime	Date the record store was added

The RecordStoreID was changed from Null to Not Null.

The Position, Name, Data, and LocalControlNumber columns were removed.

IRRecordStores Table

The IRRecordStores table contains one row for each information retrieval record store. The PrimarySortAttributeTypeID and CreationDate columns were added to this table.

Column Name	Data Type	Description
PrimarySortAttributeTypeID	int	Identifies the primary sort attribute type associated with the record store
CreationDate	datetime	Date the record store was created

The Sorted column was removed.