**Global Archives Data Dictionary**

Contents

[1. Artefact Type 2](#_Toc427082661)

[2. Artefact 2](#_Toc427082662)

[3. Attributes 2](#_Toc427082663)

[4. Attributevalue 3](#_Toc427082664)

[5. AttributeList 3](#_Toc427082665)

[6. Artefactcico 3](#_Toc427082666)

[7. TaskList 4](#_Toc427082667)

[8. Archive Location 4](#_Toc427082668)

[9. Scheduledmaintenance 4](#_Toc427082669)

[10. Maintenancecycle 4](#_Toc427082670)

[11. Conditionalreport 5](#_Toc427082671)

[12. Checklist 5](#_Toc427082672)

[13. Security Tables 5](#_Toc427082673)

## Artefact Type

To maintain various artefact types which will categorize and this will have one to many relationship with Artefact Table. For instance “Book” in Artefact Type Table will refer to multiple books in Artefact Table. This is a self-referencing table where one has to define at a high level the parent-child relationship.

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Purpose |
| ArtefactTypeCode | VarChar(10) | Unique code |
| ArtefactTypePID | VarChar(10) | Parent for Artefact Type  Eg. Book will have multiple chapters |
| LevelNumber | Int(11) |  |
| SequenceNumber | Int(11) |  |

## Artefact

Artefact description and the names are maintained in this table. This is a self-referencing table where one of the Arefact and the subcomponents to it can be defined. The definition of the Artefact will be in line with the definition in the Artefact type.

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Purpose |
| ArtefactCode | VarChar(50) | Unique code |
| ArtefactName | VarChar(50) | Name of the Artefact |
| LevelNumber | Int(11) | To maintain several levels (Parent/Child) of Artefact |
| SequenceNumber | Int(11) | To maintain sequence number |

## Attributes

Attributes definition for an Artefact Type is defined here. Definition cannot be for an Artefact.

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Purpose |
| Attributes | VarChar(50) | As mentioned above this field is to maintain Attributes for each Artefact at the Parent/Child Level |
| AListCode | VarChar(50) | This refers to the entries in the Attribute List |
| PickFlag | Char(1) | The value is enterable or picked from “List of Values” |
| SequenceNo | Int(11) | Helps in loading the fields in the order of sequence number |
| Prime | Char(1) | To indicate if the attribute is an important and mandatory one |
| AttType | VarChar(50) | If set to Y, this attribute will be displayed in the artefact search screen as one of the search criteria. |
| IsSearchable | Char(1) | If set to Y, this attribute will be displayed in the artefact search screen. |
| IsMaintainable | Char(1) | If set to Y, this attribute will be taken for scheduled maintenance. |
| Data Type | VarChar(50) | Data type of the attribute  Eg. VarChar, Date, Yes or No |
| Size | VarChar(50) | Size of the attribute |
| Format | VarChar(50) | Format of the attribute, it will be based on the data type.  Eg. Date format DD-MON-YYYY |
| ArtefactTypeCode | VarChar (10) | Reference from Artefact Type |

## Attributevalue

Every attribute will have the value associated with it, all the values are maintained in this table.

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Purpose |
| AttributeValuePK | Int(1) | Unique code |
| AttributeValue | VarChar (2000) | Actual value of the attribute.  Ex : Title – Heart to Heart |
| ArtefactParentID | VarChar(50) | Parent ID of Artefact |
| ArtefactCode | VarChar(50) | Artefact code from artefact table |
| ArtefactTypeCode | VarChar(10) | Artefact type code from artefact type table |
| AttributeCode | VarChar(50) | Attribute code from attribute table |

## AttributeList

Attributes drop down values are maintained in this table.

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Purpose |
| AlistCode | VarChar(50) | Unique code |
| AistValue | VarChar(50) | List value for attribute |

## Artefactcico

Check-in and Check-out details are maintained in this table.

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Purpose |
| CICOSK | Int(11) | Primary key |
| CICOCode | VarChar (10) | Unique code |
| ArtefactTypeCode | VarChar (10) | Artefact type |
| CICOTYPE | VarChar(50) | Check in (or) check out type |
| CICOStatus | VarChar(50) | Status of check in check out.  Ex : checkout, pending, check in |
| CheckInDate | DATE | TBD |
| CheckoutDate | DATE | TBD |
| ArtefactCode | VarChar(50) | Artefact code from artefact table |

## TaskList

Every user has to perform task based on the schedule. And the task allocation is maintained in this table

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Purpose |
| ServiceDate DATETIME | DATETIME | DATETIME |
| ArtefactCode | VarChar(50) | Artefact code |
| ScheduleMaintenanceFK | Int(11) | Reference from Maintenance schedule |

## Archive Location

Maintain the user’s location.

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Purpose |
| Code | VarChar (10) | Unique code |
| Description | VarChar(50) | Description of location |

## Scheduledmaintenance

Every artefact has to be maintained based on a periodic/sporadic schedule. And the details are maintained in this table.

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Purpose |
| ScheduledserviceDate | DATETIME | Actual service date |
| CurrentStatus | VarChar(50) | Status of the task performed  Ex : Close, open, pending |
| ArtefactTypeCode | VarChar(50) | Artefact type code |
| ArtefactCode | VarChar(50) | Artefact |
| MaintenanceCycleFK | Int(11) | Reference from Maintenance cycle |

## Maintenancecycle

Every artefact has to be scheduled for periodic maintenance. And the details are maintained in this table.

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Purpose |
| CurrentDate | DATETIME | Date when the actual schedule need to start |
| Frequency | Int(11) | Frequency of the schedule |
| Unit | VarChar (10) | Weekly, monthly or yearly |
| NextServiceDate | DATETIME | Next scheduled service date  This will be automatically calculated based on the frequency data |
| EndDate | DATETIME | End date for the schedule cycle |
| ArtefactTypeCode | VarChar (10) | Artefact type code from artefact type |
| ArtefactCode | VarChar(50) | Artefact code |

## Conditionalreport

Activities that are performed on an artefact are stored in this table

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Purpose |
| Result | VarChar (100) | Result of the activity will be stored here |
| CheckListFK | Int(11) | Check list associated for the artefact type  Ex : Book, Video, Audio etc. |
| TaskList | Int(11) | Reference from Task List associated with the user |

## Checklist

Activities are performed on an Artefact based on the check list maintained for each artefact type. And the check list for every artefact type is maintained here.

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Purpose |
| SequenceNo | Int(11) | Sequence number for the check list item , will be useful while displaying the check list in the conditional report |
| CheckListItem | VarChar (100) | Check list item for the artefact type |
| ArtefactTypeCode | VarChar (10) | Artefact type code from artefact type |
| Check List type | VarChar(50) | Type of the check list, varies based on the artefact type |
| DataType | VarChar(50) | Data type for the check list  Ex. Text, date or numeric |

## Security Tables

* Users
* Roles
* Page
* Role Page Mapping