# Database Structure

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# A. Database: catalogMasterDbFileOf<*RootNick*>

Desc:

Provides the available contents at the Doc Central, their location, author etc. in the form of an ERL master record i.e. Enterprise Resource Locator. This is refreshed and re-published by server orchestrator every time the contents are updated, and the clients pick them from a pre-defined location

Location: Only on the machine where the extended server orchestrator runs.

Path: <INSTALL\_PATH>\<User Name>\catalogMasterDbFiles\catalogMasterDbFileOf<Root>

e.g. C:\Kannan\Java\ESPoT\kvasavaiah\catalogMasterDbFiles\catalogMasterDbFileOfDemoWinContentRoot

## A.1. Table: ERLMaster

Desc: The Master Enterprise Resource Locator details

|  |  |
| --- | --- |
| **Fields** | **Description** |
| RootNick | Nick name of the Doc repository |
| Relevance | Branch where the content belongs to within Root |
| ArtifactName | Name of Artifact |
| ContentType | Type of Content |
| Requestor | The one who requested for the content |
| Author | The one is assigned to draft the content |
| ContentFileName | Physical file name that holds the content |
| ERLStatus | Work flow life cycle post publishing |
| ReviewFileName | Physical file name that holds the reviews |
| UploadedTimeStamp | When the content was last uploaded in Doc Central |
| ReviewTimeStamp | When a review for the content was uploaded |

## A.2. Table: Relevance

Desc: Holds the applicable Tree Branches of this Root. This table requires manual inserts.

|  |  |
| --- | --- |
| **Fields** | **Description** |
| RootNick | Nick name of the Doc repository |
| Relevance | Branch where the content belongs to within Root |

## A.3. Table: Users

Desc: Details of the registered users. This table requires manual inserts.

|  |  |
| --- | --- |
| **Fields** | **Description** |
| ShortId | Nick name of the user |
| EmployeeName | Name of the user |
| emailID | eMail ID (for future use) |
| PrivilegeLevel | TEAMMEMBER\_PRVLLEVEL = 10  TEAMMLEADER\_PRVLLEVEL = 30  ADMIN\_PRVLLEVEL = 90 |

# B. Database: sysdbfile

Desc:

Holds details of the content types.

Locations:

a. On platform servers.

<INSTALL\_PATH>\Platform\SQLiteDB\SysDBDownloadFolder

e.g. C:\Kannan\Java\ESPoT\Platform\SQLiteDB\SysDBDownloadFolder

b. On all machines automatically updated.

<INSTALL\_PATH>\<User Name>\SysDBDownloadFolder\sysdbfile

e.g. C:\Kannan\Java\ESPoT\kvasavaiah\SysDBDownloadFolder\sysdbfile

## B.1. Table: ContentTypes

Desc: Holds the characteristics of each content type and ways to handle it. This table requires manual inserts at the platform server, but only if when a new content type is introduced.

|  |  |
| --- | --- |
| **Fields** | **Description** |
| ContentType | Type of Content |
| Template | Name of template file to start with. The actual file is required only for complex contents such as Decker |
| Extension | File extension |
| HasSpecialHandler | Tells whether a content handler to used for opening the content or the operating system provided software such as Word would do. |
| HandlerClass | Class name of the content handler that should be loaded at runtime |
| ExtdHandlerCls | Class name of the extended content handler that should be loaded at runtime at the extended server |
| RollupOrAddup | Tells whether the content sits inside another rolled up or addup grouped artifact.  ROLLUP - rollsup upto the nth level parent folder (n – RollupLevel)  ADDUP - just adds at the same relevance path as its child |
| RollAddSeparator | The delimiter within child name to arrive at grouped artifact name |
| ReplOptRelevance | The literal within RollAddArtifactName that shall be replaced with the relevance name to arrive with the grouped artifact name. |
| ReplOptArtifact | The literal within RollAddArtifactName that shall be replaced with the artifact name to arrive with the grouped artifact name. |
| RollupLevel | Nth level to role up to. |
| RollAddContentType | Content type of the grouped artifact |
| AddupRelevance | Not used; Meant for an independent branching for addup grouping |
| RollAddArtifactName | Naming hint including the literals to be replaced while grouping. |
| UserInitiated | The contents which are directly created by user. |
| AutoTriggered | Whether the content type is intended for capturing info via timed popups |
| Instructions | Not used: Meant for sending additional instructions via a json |

# C. Database: Clientdbfile

Desc:

Holds details of local drafts which the user creates or reviews, details of subscriptions to contents and the status of their local availability etc. This stays only at client desktops

Location: Only on users’ machines and Extended processing servers.

Path: <INSTALL\_PATH>\<User Name>\<folderStub>\clientdbfileFolder

e.g. C:\Kannan\Java\ESPoT\kvasavaiah\clientMc\clientdbfileFolder *at users’ machines*

C:\Kannan\Java\ESPoT\kvasavaiah\extdSrvrDeckrLite\clientdbfileFolder *at extender servers*

## C.1. Table: SelfAuthoredArtifacts

Desc: Holds details of the draft artifact being worked by user

|  |  |
| --- | --- |
| **Fields** | **Description** |
| RootNick | Nick name of the Doc repository |
| Relevance | Branch where the content belongs to within Root |
| ArtifactName | Name of Artifact |
| ContentType | Type of Content |
| UnpulishedVerNum | The local version of the draft before publishing. |
| LocalFileName | Physical file name |
| DraftingState | Status of a draft – Draft; To be uploaded; Uploaded; Processed; |
| ERLStatus | Status of artifact after given for public view |
| Requestor | The one who requested the author to create the artifact |
| Author | The one who is assigned to create the artifact |
| DelegatedTo | The one to whom the artifact is delegated beyond the orig author |
| HasSpecialHandler | Indicates it has special handling beyond OS based doc tools viz. Word, Excel |
| ReqRespFileName | The file name which contains the processing status of the uploaded draft |
| ReviewFileName | The physical file name of the review file |
| ParentRelevance | The rolled up artifact’s relevance |
| ParentArtifactName | The rolled up artifact’s name |
| ParentContentType | The rolled up artifact’s content type |

## C.2. Table: AutoTriggers

Desc: Holds the triggers that would help with auto-popups for capturing details such as timesheet.

|  |  |
| --- | --- |
| **Fields** | **Description** |
| RootNick | Nick name of the Doc repository |
| Relevance | Branch where the content belongs to within Root |
| ArtifactName | Name of Artifact |
| ContentType | Type of Content |
| ERLUploadedTimeStamp | When the content was last uploaded in Doc Central |
| prevTriggeredAt | Last trigger time |
| TriggerIntervalSec | Trigger Frequency in Seconds |
| ProcessState | New;Continue;Discontinue |

## C.3. Table: PickedRelevance

Desc: Holds the user picked relevances for showing on Catalog Display screen

|  |  |
| --- | --- |
| **Fields** | **Description** |
| RootNick | Nick name of the Doc repository |
| Relevance | Branch where the content belongs to within Root |

## C.4. Table: Reviews

Desc: Holds the review drafts which the user created

|  |  |
| --- | --- |
| **Fields** | **Description** |
| RootNick | Nick name of the Doc repository |
| Relevance | Branch where the content belongs to within Root |
| ArtifactName | Name of Artifact |
| ContentType | Type of Content |
| ItemName | Name of the Item within a rolled up artifact |
| Reviewer | Reviewer |
| CreatedTime | Time when created at local machine |
| ProcessStatus | One of - Submitted at local machine, uploaded and processed |
| LocalFileName | Physical filename at local machine |
| ReqRespFileName | The file name which contains the processing status of the uploaded remark |

## C5. Table: Subscriptions

Desc: Holds the status of the subscriptions of user

|  |  |
| --- | --- |
| **Fields** | **Description** |
| RootNick | Nick name of the Doc repository |
| Relevance | Branch where the content belongs to within Root |
| ArtifactName | Name of Artifact |
| ContentType | Type of Content |
| SubscriptionStatus | One of – Never subscribed; Subscribed; Available |
| DownLoadedFile | Physical file name of the downloaded content |
| DownLoadedReviewFile | Physical file name of the reviews |
| DownLoadedArtifactTimeStamp | Downloaded time of content file |
| DownLoadedReviewTimeStamp | Downloaded time of reviews file |

# D. Database: catalogXtdDeckrLiteDbFileOf<Root>

Desc:

Holds the details for extended processes associated with DeckerLite artifacts

Location: Only on the Extended processing server for DeckerLite content Types.

Path: <INSTALL\_PATH>\<User Name>\extendedcatalogdbfiles\catalogXtdDeckrLiteDbFileOf<Root>

e.g. C:\Kannan\Java\ESPoT\kvasavaiah\extendedcatalogdbfiles\catalogXtdDeckrLiteDbFileOfDemoWinContentRoot

## D.1. Table: GrouperChild

Desc: Holds the details of the child artifacts that shall be grouped into their parents.

|  |  |
| --- | --- |
| **Fields** | **Description** |
| ChildRootNick | Nick name of the Doc repository where the child belongs to |
| ChildRelevance | Branch where the content belongs to within Root |
| ChildArtifactName | Name of Artifact |
| ChildContentType | Type of Content |
| ParentRootNick | Nick name of the Doc repository where the parent belongs to |
| ParentRelevance | Branch where the content belongs to within Root |
| ParentArtifactName | Name of Artifact |
| ParentContentType | Type of Content |
| ChildNumber | Child number under the parent |
| ChildUpdateTimeStamp | Grouping update time of child |
| ChildStatus | Grouping status of child |

## D.2. Table: GrouperParent

Desc: Holds the details of the child artifacts that shall be grouped into their parents.

|  |  |
| --- | --- |
| **Fields** | **Description** |
| ParentRootNick | Nick name of the Doc repository where the parent belongs to |
| ParentRelevance | Branch where the content belongs to within Root |
| ParentArtifactName | Name of Artifact |
| ParentContentType | Type of Content |
| ChildTotal | Total child count under the parent |
| ParentUpdateTimeStamp | Grouping update time of parent |
| ParentStatus | Grouping status of parent |

# E. Database: catalogXtdDeckerDbFileOf<Root>

Desc:

Holds the details for extended processes associated with Grouper artifacts

Location: Only on the Extended processing server for DeckerGrouper content Types.

Path: <INSTALL\_PATH>\<User Name>\extendedcatalogdbfiles\catalogXtdDeckerDbFileOf<Root>

e.g. C:\Kannan\Java\ESPoT\kvasavaiah\extendedcatalogdbfiles\catalogXtdDeckerDbFileOfDemoWinContentRoot

## E.1. Table: GrouperChild

Desc: Holds the details of the child artifacts that shall be grouped into their parents.

|  |  |
| --- | --- |
| **Fields** | **Description** |
| ChildRootNick | Nick name of the Doc repository where the child belongs to |
| ChildRelevance | Branch where the content belongs to within Root |
| ChildArtifactName | Name of Artifact |
| ChildContentType | Type of Content |
| ParentRootNick | Nick name of the Doc repository where the parent belongs to |
| ParentRelevance | Branch where the content belongs to within Root |
| ParentArtifactName | Name of Artifact |
| ParentContentType | Type of Content |
| ChildNumber | Child number under the parent |
| ChildUpdateTimeStamp | Grouping update time of child |
| ChildStatus | Grouping status of child |

## E.2. Table: GrouperParent

Desc: Holds the details of the child artifacts that shall be grouped into their parents.

|  |  |
| --- | --- |
| **Fields** | **Description** |
| ParentRootNick | Nick name of the Doc repository where the parent belongs to |
| ParentRelevance | Branch where the content belongs to within Root |
| ParentArtifactName | Name of Artifact |
| ParentContentType | Type of Content |
| ChildTotal | Total child count under the parent |
| ParentUpdateTimeStamp | Grouping update time of parent |
| ParentStatus | Grouping status of parent |

# F. Database: catalogTmCaptureDbFileOf<Root>

Desc:

Holds the details for extended processes associated with time capture.

Location: Only on the Extended processing server where the time sheets are processed. This is an additional process while handling contents viz. Project Trackers; Time Trackers etc.

Path: <INSTALL\_PATH>\<User Name>\extendedcatalogdbfiles\catalogTmCaptureDbFileOf<Root>

e.g. C:\Kannan\Java\ESPoT\kvasavaiah\extendedcatalogdbfiles\catalogXtdTmCaptureDbFileOfDemoWinContentRoot

## F.1. Table: TimeDetail

Desc: Holds the time captured details of the users.

|  |  |
| --- | --- |
| **Fields** | **Description** |
| TaskID | Task where the work spent on |
| Relevance | Branch where the task belongs to |
| TeamID | Team where the task is assigned to |
| UserID | The user who logged the effort |
| Date | Date when the effort was executed |
| HoursBooked | Effort hours |

## F.2. Table: XtdStdProcessTbl

Desc: Holds the details of the child artifacts that shall be grouped into their parents.

|  |  |
| --- | --- |
| **Fields** | **Description** |
| XtdStdrdProcRootNick | Nick name of the Doc repository |
| XtdStdrdProcRelevance | Branch where the content belongs to within Root |
| XtdStdrdProcArtifactName | Name of Artifact |
| XtdStdrdProcContentType | Type of Content |
| XtdStdrdProcUpdateTimeStamp | Grouping update time of parent |
| XtdStdrdProcStatus | Grouping status of parent |