

| FC_DirectoryLevelTree |         |  |
|-----------------------|---------|--|
| PK DirID              | INT     |  |
| DirName               | VARCHAR |  |
| Parent                | INT     |  |
| Level                 | INT     |  |
| LPATH1                | INT     |  |
| LPATH2                | INT     |  |
| LPATH3                | INT     |  |
| LPATH4                | INT     |  |
| LPATH5                | INT     |  |
| LPATH6                | INT     |  |
| LPATH7                | INT     |  |
| LPATH8                | INT     |  |
| LPATH9                | INT     |  |
| LPATH10               | INT     |  |
| LPATH11               | INT     |  |
| LPATH12               | INT     |  |
| LPATH13               | INT     |  |
| LPATH14               | INT     |  |
| LPATH15               | INT     |  |

| FC_MetaDatasetFiles |     |  |
|---------------------|-----|--|
| PK DatasetID        | INT |  |
| PK FileID           | INT |  |

| FC_MetaDatasetFiles |          |  |
|---------------------|----------|--|
| PK DatasetID        | INT      |  |
| DirID               | INT      |  |
| DatasetName         | VARCHAR  |  |
| DatasetHash         | CHAR(36) |  |
| TotalSize           | BIGINT   |  |
| NumberOfFiles       | INT      |  |
| UID                 | INT      |  |
| GID                 | INT      |  |
| Mode                | SMALLINT |  |
| Status              | SMALLINT |  |
| MetaQuery           | VARCHAR  |  |
| CreationDate        | DATETIME |  |
| ModificationDate    | DATETIME |  |

| FC_DatasetAnnotations |         |  |
|-----------------------|---------|--|
| PK DatasetID          | INT     |  |
| Annotation            | VARCHAR |  |

| FC_DirectoryInfo |          |  |
|------------------|----------|--|
| PK DirID         | INT      |  |
| UID              | SMALLINT |  |
| GID              | SMALLINT |  |
| CreationDate     | DATETIME |  |
| ModificationDate | DATETIME |  |
| Mode             | SMALLINT |  |
| Status           | SMALLINT |  |

| FC_Users |         |  |
|----------|---------|--|
| PK UID   | INT     |  |
| UserName | VARCHAR |  |

| FC_Groups |         |  |
|-----------|---------|--|
| PK GID    | INT     |  |
| GroupName | VARCHAR |  |

| FC_Statuses |         |  |
|-------------|---------|--|
| PK StatusID | INT     |  |
| Status      | VARCHAR |  |

| FC_FileAncestors |     |  |
|------------------|-----|--|
| FileID           | INT |  |
| AncestorID       | INT |  |
| AncestorDepth    | INT |  |

| FC_MetaFields |         |  |
|---------------|---------|--|
| PK MetaID     | INT     |  |
| MetaName      | VARCHAR |  |
| MetaType      | VARCHAR |  |

| FC_DirMeta |         |  |
|------------|---------|--|
| PK DirID   | INT     |  |
| PK MetaKey | VARCHAR |  |
| MetaValue  | VARCHAR |  |

| FC_FileMetaFields |         |  |
|-------------------|---------|--|
| PK MetaID         | INT     |  |
| MetaName          | VARCHAR |  |
| MetaType          | VARCHAR |  |

| FC_FileMeta |         |  |
|-------------|---------|--|
| PK FileID   | INT     |  |
| PK MetaKey  | VARCHAR |  |
| MetaValue   | VARCHAR |  |

| FC_DirectoryUsage |          |  |
|-------------------|----------|--|
| PK DirID          | INT      |  |
| PK SEID           | INT      |  |
| SESize            | BIGINT   |  |
| SEFiles           | BIGINT   |  |
| LastUpdate        | DATETIME |  |

| FC_StorageElements |         |  |
|--------------------|---------|--|
| PK SEID            | INT     |  |
| SEName             | VARCHAR |  |
| AliasName          | VARCHAR |  |

| FC_Replicas |          |  |
|-------------|----------|--|
| PK RepID    | INT      |  |
| FileID      | INT      |  |
| SEID        | INT      |  |
| Status      | SMALLINT |  |

| FC_ReplicaInfo   |          |  |
|------------------|----------|--|
| PK RepID         | INT      |  |
| RepType          | ENUM     |  |
| CreationDate     | DATETIME |  |
| ModificationDate | DATETIME |  |
| PFN              | VARCHAR  |  |

| FC_Files  |          |  |
|-----------|----------|--|
| PK FileID | INT      |  |
| DirID     | INT      |  |
| Size      | BIGINT   |  |
| UID       | SMALLINT |  |
| GID       | SMALLINT |  |
| Status    | SMALLINT |  |
| FileName  | VARCHAR  |  |

| FC_FileInfo      |          |  |
|------------------|----------|--|
| PK FileID        | INT      |  |
| GUID             | CHAR(36) |  |
| Checksum         | VARCHAR  |  |
| CheckSumType     | ENUM     |  |
| Type             | ENUM     |  |
| CreationDate     | DATETIME |  |
| ModificationDate | DATETIME |  |
| Mode             | SMALLINT |  |

