File

| id | resource_id | parent | type | detail_id | meta_id |

metadata

| id | width | height | duration | size | hashtext | detail_id | resource_id |

detail

| id | resource_id | image_name | thumb_path | r_users | w_users |

file_type

0 - DIR	**10** – PIC:jpeg	**20** – VID:mp4
	11 – PIC:png	**21** – VID:mov
	12 – PIC:bmp	**22** – VID:hevc
	13 – PIC:heic	

File

| id | resource_id | parent | type | detail_id | meta_id |

	Type	Purpose
id	biginteger	ID for this file
resource_id	char(40)	GUID
parent	biginteger	GUID for this file's parents
type	byte	Enum for type of file
detail_id	biginteger	A reference to the detail table to get details about this file
meta_id	biginteger	A reference to the metadata table to get details about this file

metadata

id width height duration size hashtext detail_id resource_id

	Type	Purpose
id	biginteger	ID for this file
width	short	Resolution's width dimension
height	short	Resolution's height dimension
duration	biginteger	Duration of the content (0 if image)
size	biginteger	Size of the file in bytes
hashtext	char(32)	MD5 hash of image file
detail_id	biginteger	A **reference** to the ID in the detail table
resource_id	char(40)	The GUID of this file

detail

id	resource_id	image_name	thumb_path	permissions

	Type	Purpose
id	biginteger	ID for this file
resource_id	char(40)	GUID for the file
image_name	char(255)	Name of the file
thumb_path	text	Path of the thumbnail file
permissions	text	A json string that contains all permissions

Permissions template json:
```
{
  "user": 0,
  "read": true,
  "write": false,
  "owner": true
}
```