

Tables (5)

Name	Type	Schema
Books		CREATE TABLE Books (Id INTEGER PRIMARY KEY AUTOINCREMENT, Title TEXT NOT NULL, CategoryId INTEGER, SubjectId INTEGER, Author TEXT, ThumbnailImage BLOB, -- Embedded thumbnail for web display FileSize INTEGER, -- File size in bytes PageCount INTEGER, -- Number of pages ISBN TEXT, -- International Standard Book Number CreatedDate DATETIME DEFAULT CURRENT_TIMESTAMP, ModifiedDate DATETIME DEFAULT CURRENT_TIMESTAMP, FOREIGN KEY(CategoryId) REFERENCES Categories(Id) ON DELETE SET NULL, FOREIGN KEY(SubjectId) REFERENCES Subjects(Id) ON DELETE SET NULL)
Id	INTEGER	"Id" INTEGER
Title	TEXT	"Title" TEXT NOT NULL
CategoryId	INTEGER	"CategoryId" INTEGER
SubjectId	INTEGER	"SubjectId" INTEGER
Author	TEXT	"Author" TEXT
ThumbnailImage	BLOB	"ThumbnailImage" BLOB
FileSize	INTEGER	"FileSize" INTEGER
PageCount	INTEGER	"PageCount" INTEGER
ISBN	TEXT	"ISBN" TEXT
CreatedDate	DATETIME	"CreatedDate" DATETIME DEFAULT CURRENT_TIMESTAMP
ModifiedDate	DATETIME	"ModifiedDate" DATETIME DEFAULT CURRENT_TIMESTAMP
Categories		CREATE TABLE Categories (Id INTEGER PRIMARY KEY AUTOINCREMENT, Category TEXT NOT NULL UNIQUE, CreatedDate DATETIME DEFAULT CURRENT_TIMESTAMP, ModifiedDate DATETIME DEFAULT CURRENT_TIMESTAMP)
Id	INTEGER	"Id" INTEGER
Category	TEXT	"Category" TEXT NOT NULL UNIQUE
CreatedDate	DATETIME	"CreatedDate" DATETIME DEFAULT CURRENT_TIMESTAMP
ModifiedDate	DATETIME	"ModifiedDate" DATETIME DEFAULT CURRENT_TIMESTAMP

Name	Type	Schema
DatabaseInfo		CREATE TABLE DatabaseInfo (Key TEXT PRIMARY KEY, Value TEXT NOT NULL, CreatedDate DATETIME DEFAULT CURRENT_TIMESTAMP, ModifiedDate DATETIME DEFAULT CURRENT_TIMESTAMP)
Key	TEXT	"Key" TEXT
Value	TEXT	"Value" TEXT NOT NULL
CreatedDate	DATETIME	"CreatedDate" DATETIME DEFAULT CURRENT_TIMESTAMP
ModifiedDate	DATETIME	"ModifiedDate" DATETIME DEFAULT CURRENT_TIMESTAMP
Subjects		CREATE TABLE Subjects (Id INTEGER PRIMARY KEY AUTOINCREMENT, CategoryId INTEGER NOT NULL, Subject TEXT NOT NULL, CreatedDate DATETIME DEFAULT CURRENT_TIMESTAMP, ModifiedDate DATETIME DEFAULT CURRENT_TIMESTAMP, UNIQUE(CategoryId, Subject), FOREIGN KEY(CategoryId) REFERENCES Categories(Id) ON DELETE CASCADE)
Id	INTEGER	"Id" INTEGER
CategoryId	INTEGER	"CategoryId" INTEGER NOT NULL
Subject	TEXT	"Subject" TEXT NOT NULL
CreatedDate	DATETIME	"CreatedDate" DATETIME DEFAULT CURRENT_TIMESTAMP
ModifiedDate	DATETIME	"ModifiedDate" DATETIME DEFAULT CURRENT_TIMESTAMP
sqlite_sequence		CREATE TABLE sqlite_sequence(name,seq)
name		"name"
seq		"seq"

Indices (8)

Name	Type	Schema
IdxBooksAuthor		CREATE INDEX IdxBooksAuthor ON Books (Author)
Author		"Author"
IdxBooksCategory		CREATE INDEX IdxBooksCategory ON Books (CategoryId)

Name	Type	Schema
CategoryId		"CategoryId"
IdxBooksCategoryTitle		CREATE INDEX IdxBooksCategoryTitle ON Books (CategoryId, Title)
CategoryId		"CategoryId"
Title		"Title"
IdxBooksSubject		CREATE INDEX IdxBooksSubject ON Books (SubjectId)
SubjectId		"SubjectId"
IdxBooksTitle		CREATE INDEX IdxBooksTitle ON Books (Title)
Title		"Title"
IdxCategoriesCategory		CREATE INDEX IdxCategoriesCategory ON Categories (Category)
Category		"Category"
IdxSubjectsCategorySubject		CREATE INDEX IdxSubjectsCategorySubject ON Subjects (CategoryId, Subject)
CategoryId		"CategoryId"
Subject		"Subject"
IdxSubjectsSubject		CREATE INDEX IdxSubjectsSubject ON Subjects (Subject)
Subject		"Subject"

Views (1)

Name	Type	Schema
LibraryStats		CREATE VIEW LibraryStats AS SELECT (SELECT COUNT(*) FROM Books) AS TotalBooks, (SELECT COUNT(*) FROM Categories) AS TotalCategories, (SELECT COUNT(*) FROM Subjects) AS TotalSubjects, (SELECT COALESCE(SUM(FileSize), 0) FROM Books) AS TotalSizeBytes, (SELECT COALESCE(SUM(PageCount), 0) FROM Books) AS TotalPages, (SELECT COALESCE(AVG(PageCount), 0) FROM Books WHERE PageCount > 0) AS AvgPages
TotalBooks		"TotalBooks"

Name	Type	Schema
TotalCategories		"TotalCategories"
TotalSubjects		"TotalSubjects"
TotalSizeBytes		"TotalSizeBytes"
TotalPages		"TotalPages"
AvgPages		"AvgPages"

Triggers (0)

Name	Type	Schema
------	------	--------