**SystemDatabaseModel**

Database model documentation

Created with Vertabelo.com

# 1. Model details

**Model name:** 
SystemDatabaseModel

**Version:** 
2.3

**Database engine:** 
SQLite

# 2. Tables

## 2.1. Table Artists

2.1.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| name | character(255) |  |  |
| post | character(50) |  |  |
| id | integer | PK |  |
| login | character(50) |  |  |
| password | text |  |  |
| department | character(50) |  |  |

## 2.2. Table Posts

2.2.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| name | character(255) | PK |  |
| Employees\_id | integer |  |  |

## 2.3. Table Departments

2.3.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| name | character(255) | PK |  |
| Employees\_id | integer |  |  |

## 2.4. Table Programs

2.4.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| name | character(50) | PK |  |
| exec | text |  |  |
| args | text |  |  |
| vars | text |  |  |
| Employees\_id | integer |  |  |

## 2.5. Table Variables

2.5.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| Programs\_name | character(50) |  |  |
| name | character(255) | PK |  |
| value | text |  |  |
| category | character(255) |  |  |
| description | text |  |  |
| type | numeric |  |  |

## 2.6. Table VariableTypes

2.6.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| name | character(255) |  |  |
| id | integer | PK |  |
| Variables\_name | character(255) |  |  |

## 2.7. Table Projects

2.7.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| id | integer | PK |  |
| name | character(255) |  |  |
| Artists\_id | integer |  |  |

# 3. References

## 3.1. Reference Departments\_Employees

|  |  |  |
| --- | --- | --- |
| **Artists** | **1..\*** | **Departments** |
| id | <-> | Employees\_id |

## 3.2. Reference Posts\_Employees

|  |  |  |
| --- | --- | --- |
| **Artists** | **1..\*** | **Posts** |
| id | <-> | Employees\_id |

## 3.3. Reference Programs\_Employees

|  |  |  |
| --- | --- | --- |
| **Artists** | **0..\*** | **Programs** |
| id | <-> | Employees\_id |

## 3.4. Reference Variables\_Programs

|  |  |  |
| --- | --- | --- |
| **Programs** | **1..\*** | **Variables** |
| name | <-> | Programs\_name |

## 3.5. Reference VariableTypes\_Variables

|  |  |  |
| --- | --- | --- |
| **Variables** | **1..1** | **VariableTypes** |
| name | <-> | Variables\_name |

## 3.6. Reference Projects\_Artists

|  |  |  |
| --- | --- | --- |
| **Artists** | **1..\*** | **Projects** |
| id | <-> | Artists\_id |