Wigii DB 4: **Core**

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Users_Users

- **`id_relation_user` INT**
- *`id_user_owner` INT*
- *`id_user` INT*
- `isOwner` BOOLEAN
- `hasRole` BOOLEAN

Users

- **`id_user` INT**
- *`username` VARCHAR*
- `namespace` VARCHAR
- `password` VARCHAR
- `passwordHistory` TEXT
- `passwordLength` INT
- `passwordDate` INT
- `passwordLife` INT
- `isRole` BOOLEAN
- `isCalculatedRole` BOOLEAN
- `description` TEXT
- `authenticationMethod` VARCHAR
- `authenticationServer` VARCHAR
- `canModifyOwnPassword` BOOLEAN
- `moduleAcces` VARCHAR
- `userCreator` BOOLEAN
- `adminCreator` BOOLEAN
- `groupCreator` TEXT
- `rootGroupCreator` TEXT
- `readAllUsersInNamespace` BOOLEAN
- `readAllGroupsInNamespace` TEXT
- `namespaceCreator` BOOLEAN
- `moduleEditor` BOOLEAN
- `info_lastLogin` INT
- `info_lastFailedLogin` INT
- `info_nbLogin` INT
- `info_nbFailedLogin` INT
- `info_lastLogout` INT
- `info_lastSessionContext` TEXT
- `info_resetSessionContext` BOOLEAN
- `sys_date` INT
- `sys_user` INT
- `sys_lockId` VARCHAR
- `sys_lockMicrotime` INT

As moduleAccess, modulename separated by ;

type de données

- **`id_dataType` INT**
- *`id_element` INT*
- *`field` VARCHAR*
- `value` VARCHAR

Data of an Element in a module

1 ... n

Elements_Elements

- **`id_relation_element` INT**
- *`id_element_owner` INT*
- *`id_element` INT*
- `field` VARCHAR
- `value` VARCHAR

ElementStatistic

- **`id_statistic` INT**
- `timestamp` INT
- `eventName` VARCHAR
- `entityName` VARCHAR
- `moduleName` VARCHAR
- `namespace` VARCHAR
- `userId` INT
- `username` VARCHAR
- `realUserId` INT
- `realUsername` VARCHAR
- `elementId` INT

FileStatistic

- **`id_statistic` INT**
- `timestamp` INT
- `eventName` VARCHAR
- `entityName` VARCHAR
- `moduleName` VARCHAR
- `namespace` VARCHAR
- `userId` INT
- `username` VARCHAR
- `realUserId` INT
- `realUsername` VARCHAR
- `elementId` INT
- `field` VARCHAR

GlobalStatistic

- **`id_statistic` INT**
- `timestamp` INT
- `eventName` VARCHAR
- `entityName` VARCHAR
- `moduleName` VARCHAR
- `namespace` VARCHAR
- `userId` INT
- `username` VARCHAR
- `realUserId` INT
- `realUsername` VARCHAR

Groups

- **`id_group` INT**
- *`groupname` VARCHAR*
- *`modulename` VARCHAR*
- *`namespace` VARCHAR*
- `id_group_parent` INT
- `description` TEXT
- `portal` TEXT
- `htmlContent` TEXT
- `xmlPublish` VARCHAR
- `subscription` TEXT
- `emailNotification` TEXT
- `sys_date` INT
- `sys_user` INT
- `sys_lockId` VARCHAR
- `sys_lockMicrotime` INT

Elements

- **`id_element` INT**
- `modulename` VARCHAR
- `version` VARCHAR
- `tags` VARCHAR
- `state_locked` BOOLEAN
- `state_lockedInfo` VARCHAR
- `state_important1` BOOLEAN
- `state_important1Info` VARCHAR
- `state_important2` BOOLEAN
- `state_important2Info` VARCHAR
- `state_hidden` BOOLEAN
- `state_hiddenInfo` VARCHAR
- `state_archived` BOOLEAN
- `state_archivedInfo` VARCHAR
- `state_deprecated` BOOLEAN
- `state_deprecatedInfo` VARCHAR
- `sys_creationDate` INT
- `sys_creationUser` INT
- `sys_date` INT
- `sys_user` INT
- `sys_lockId` VARCHAR
- `sys_lockMicrotime` INT

Users_Groups_Rights

- **`id_user_group_right` INT**
- *`id_user` INT*
- *`id_group` INT*
- `canShareElement` BOOLEAN
- `canModify` BOOLEAN
- `canWriteElement` BOOLEAN

Groups_Groups

- **`id_relation_group` INT**
- *`id_group_owner` INT*
- *`id_group` INT*

Elements_Groups

- **`id_element_group` INT**
- *`id_element` INT*
- *`id_group` INT*

EmailService

This table contains each email to send by the system. The EmailServiceWebImpl stores in this table each email to send. A CronJob is then triggered from the wigii task bar to wakeup the EmailService to send stored emails.

EmailServiceAttachementToDelete

This table contains the file attachements for the emails stored in the EmailService. As soon that the email is sent the attachements can be deleted from the FileSystem.

Légende
- o Bold field are primary keys
- o Italic field are the one used in a index of type unique.

Core

Légende
o Field in bold are primary keys
o Field in italic are field used in unique index.

Each data is associated to an element as a field.

Field contains the name of the field, for one element the fields must be unique. Value contains the actual data of the field.

Strings

`id_String` INT
`id_element` INT
`field` VARCHAR
`value` VARCHAR

This dataType is used for any data using a string without the need of multiple language as: name, firstname, phone numbers, etc.

Files

`id_File` INT
`id_element` INT
`field` VARCHAR
`name` VARCHAR
`type` VARCHAR
`size` VARCHAR
`mime` VARCHAR
`path` VARCHAR
`user` INT
`username` VARCHAR
`date` DATETIME
`content` LONGBLOB
`thumbail` Blob
`textContent` LONGTEXT

Booleans

`id_Boolean` INT
`id_element` INT
`field` VARCHAR
`value` BOOLEAN

Times

`id_Time` INT
`id_element` INT
`field` VARCHAR
`value` TIME

Attributs

`id_Attribut` INT
`id_element` INT
`field` VARCHAR
`value` TEXT

TimeRange

`id_TimeRanges` INT
`id_element` INT
`field` VARCHAR
`isAllDay` BOOLEANS
`begTime` TIME
`begDate` DATE
`endDate` DATE
`endTime` TIME

The field content contains the file content if the parameter storeFileContentIntoDatabase=1 in the config.xml in client config folder. Other wise the file is copied in the FILE_PATH defined in index.php. In this case the field path stores the name of the file in the file system. The field name contains the name of the document the user has defined in the GUI.

Floats

`id_Float` INT
`id_element` INT
`field` VARCHAR
`value` DOUBLE

urls

`id_Url` INT
`id_element` INT
`field` VARCHAR
`name` VARCHAR
`url` VARCHAR
`target` VARCHAR

MultipleAttributs

`id_MultipleAttribut` INT
`id_element` INT
`field` VARCHAR
`value` TEXT

Value contains the multiple values separated with "XAGU___XAGU".

Allows to store a period. begTime and endTime are used only if isAllDay is false.

Numercis

`id_Numeric` INT
`id_element` INT
`field` VARCHAR
`value` DECIMAL

Addresses

`id_Addresse` INT
`id_element` INT
`field` VARCHAR
`street` VARCHAR
`zip_code` VARCHAR
`city` VARCHAR
`state` VARCHAR
`country` VARCHAR

Blobs

`id_Blob` INT
`id_element` INT
`field` VARCHAR
`value` TEXT

Blobs can manage text without size limit and without multi language management.

Emails

`id_Email` INT
`id_element` INT
`field` VARCHAR
`value` TEXT
`proofKey` VARCHAR
`proof` VARCHAR
`proofStatus` INT
`externalCode` VARCHAR
`externalAccessLevel` INT
`externalAccessEndDate` INT
`externalConfigGroup` INT

proofKey contains a code to validate this email address.
proof contains the date and ip address from which the email address has been validated.
proofStatus contains 0 for no validation, 1 for validated and 2 for delete (delete means that the email owner asked for deletion of his account)
externalCode contains a code linked to this email for this element to be able to access to the element from a public link without the need to login in the system.
externalAccessLevel = 0 if no access, 1 for read only access, 2 for read write access.
externalAccessEndDate contains a date if we want to limit until when the external access is possible.
externalAccessConfigGroup contains the group id to use as configuration to display the element in external access.

Dates

`id_Date` INT
`id_element` INT
`field` VARCHAR
`value` DATE

Varchars

`id_Varchar` INT
`id_element` INT
`field` VARCHAR
`value_l01` VARCHAR
...
`value_l10` VARCHAR

Texts

`id_Text` INT
`id_element` INT
`field` VARCHAR
`value_l01` TEXT
...
`value_l10` TEXT

Varchar or Text datatype depends on the language. Values are stored in value_l01 for english, value_l02 for french, etc. This is defined in the config.php in the client config folder of wigii.

DataType