DEVI project

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Chapter 1

Introduction

Chapter 2

Database

Chapter 3

Commands

3.1 Admin

Commands to administrate system. **NOT for user!**

3.1.1 /admin/addNewCompany

Description
Add new company to system.

METHOD: PUT
Body parameters
name: name of company and database
email: company email
user: user name for first user
pass: password for first user
key: admin key
Return: NULL

3.2 SIN

SIN (**S**ecurry **I**ndentyfication **N**umber) - token to indentyfication user. It store user ip, user browser agent, user name and DB name. This number have 5 minutes time of live. Every call of **/getSIN** extends this time by next 5 minutes. You may have only one SIN per user.

3.2.1   /getSIN

Description
Get SIN from server or when you have it extend it expire time.
METHOD: POST
Haeder parameters
User-Agent: browser name (It's automaticly added by our browser)
Body parameters
user: user name
pass: user password
db: admin key
Return:
sin: your SIN

3.2.2   /dropSIN

Description
Drop your SIN from server. It work like logout.
METHOD: DELETE
Body parameters
SIN: SIN number
Return: NULL

3.3   Tables

3.3.1   /tables

Description
Returns the names of all tables.
METHOD: POST
Body parameters
SIN: SIN number
Return:
tables: tables names separated by commas

3.3.2 /tables/add

Description
Add new table.
Name parameter cannot start with "log_" or "system_"
METHOD: PUT

Body parameters
name: table name
SIN: SIN number
Return: NULL

3.3.3 /tables/<table>/addColumn

Description
Add new column to table.
'ID' id not allowed name of column.
Allowed types:

- INT - intiger

- TEXT - text

- DATETIME - date and time

- TIME - time

- DATE - date

- FLOAT - floating point number

- BOOL - true/false value

METHOD: PUT
URL parameters
table: table name
Body parameters
name: column name
type: column type.
SIN: SIN number
Return: NULL

3.3.4 /tables/<table>/insert

Description
Insert new row into table
METHOD: PUT
URL parameters
table: table name
Body parameters

SIN: SIN number

The name of the column you are inserting the value into is name of parameter. You can insert more than one value, but only one row. Values you do not send will be set to NULL.

Return: NULL

3.3.5 /tables/<table>/update/<columnID>

Description
Update row.
METHOD: POST
URL parameters
table: table name
columnID: column ID
Body parameters
SIN: SIN number
Name of cell you update is name of parameter
Return: NULL

3.3.6 /tables/<table>/delete/<columnID>

Description
Delete row.
METHOD: DELETE
URL parameters
table: table name
columnID: column ID
Body parameters
SIN: SIN number
Return: NULL

3.3.7 /tables/<table>/select/<columnID>

OUTDATED
Description
Select row.
METHOD: POST
URL parameters
table: table name
columnID: column ID
Body parameters

SIN: SIN number
Return: Name of cell is name of parameter

3.3.8 /tables/<table>/select/all

Description
Select all row from table.
METHOD: POST
URL parameters
table: table name
Query parameters
*limit: records per page
*page: page number
* - optional
Body parameters
SIN: SIN number
Return:
Legend: array contain name of all colums
Types: array contain type of all colums. Each value is array with values order like columns at Legend parameter.
Next parameters name 'row' and it number (starts from 0). Each value is array with values order like columns at Legend parameter.

3.3.9 /tables/<table>/alter

Description
Change name and type of column.
METHOD: POST
URL parameters
table: table name
Body parameters
name: actual name of column
newName: new name of column. If you would not change name send actual
newType: new type of column. If you would not change type send actual
SIN: SIN number
Return: NULL

3.3.10 /tables/<table>/rename

Description
Rename table.
METHOD: POST
URL parameters
table: table name
Body parameters
name: new name of table
SIN: SIN number
Return: NULL

3.3.11 /tables/<table>/dropColumn

Description
Delete column.
METHOD: DELETE
URL parameters
table: table name
Body parameters
name: name of column
SIN: SIN number
Return: NULL

3.3.12 /tables/<table>/dropTable

Description
Delete table.
METHOD: DELETE
URL parameters
table: table name
Body parameters
SIN: SIN number
Return: NULL