CFG_BPPISERVER

ID	INTEGER
NAME	TEXT
DESCRIPTION	TEXT
TOKEN	TEXT
URL	TEXT

CFG_BPPI_REPO_TABLE

ID	INTEGER
NAME	TEXT
DESCRIPTION	TEXT

CFG_BPPI_REPO_TODO

ID	INTEGER
NAME	TEXT
DESCRIPTION	TEXT

Users

id	INTEGER
username	VARCHAR(64)
email	VARCHAR(64)
password	BLOB
oauth_github	VARCHAR(100)

flask_dance_oauth

id	INTEGER
provider	VARCHAR(50)
created_at	DATETIME
token	VARCHAR
user_id	INTEGER

user_id

CFG_OTHER

ID	INTEGER
LOG_FOLDER	TEXT
LOG_FILENAME	TEXT
LOG_LEVEL	TEXT
LOG_FORMAT	TEXT

CFG_PIPELINE

ID	INTEGER
NAME	TEXT
DESCRIPTION	TEXT
FK_SERVER_ID	INTEGER
FK_REPO_TABLE_ID	INTEGER
FK_REPO_TODO_ID	INTEGER
FK_OTHER_ID	INTEGER
FK_EVENTMAP_ID	INTEGER
FK_BPREPO_ID	INTEGER
FK_BPAPI_ID	INTEGER
FK_FILE_ID	INTEGER
FK_SAP_ID	INTEGER
SOURCE_TYPE_ID	INTEGER

FK_SERVER_ID
FK_REPO_TABLE_ID
FK_REPO_TODO_ID
FK_OTHER_ID
FK_EVENTMAP_ID
FK_BPREPO_ID
FK_BPAPI_ID
FK_FILE_ID
FK_SAP_ID
RCE_TYPE_ID
YPE_ID

CFG_BP_PARAMS_COLLECT

FK_PARAMS_ID	INTEGER
FK_BPREPO_ID	INTEGER

FK_PARAMS
FK_BPREPO_ID

CFG_BP_PARAMS

ID	INTEGER
NAME	TEXT(100)

CFG_BP_REPO

ID	INTEGER
PROCESS_NAME	TEXT
INCLUDE_VBO	BIT
UNICODE_SUPPORT	BIT
START_END_FILTER	BIT
DELTA_LOAD	BIT
DELTA_TAG_FILE	TEXT
FK_ODBC_ID	INTEGER

FK_BPREPO_ID
FK_ODBC_ID

CFG_BP_STAGE_FILTERS

FK_BPSTAGE_ID	INTEGER
FK_BPREPO_ID	INTEGER

FK_BPSTAGE

CFG_BP_STAGES

ID	INTEGER
CODE	TEXT
NAME	TEXT(100)

CFG_EVENTMAP

ID	INTEGER
MAP_TABLE	TEXT
MAP_COLUMN	TEXT
EVENTMAP_TYPE_ID	INTEGER

CFG_EVENTMAP_TABLETYPE

ID	INTEGER
TABLE_TYPE	TEXT

CFG_SAP

ASHOST	TEXT
ID	INTEGER
CLIENT	TEXT
SYSNR	TEXT
USER	TEXT
PASSWORD	TEXT
ROUTER	TEXT
RFCTABLE	TEXT
RFCFIELDS	TEXT
ROWLIMIT	INTEGER

CFG_FILE

ID	INTEGER
TYPE	TEXT
SEPARATOR	TEXT
DESCRIPTION	TEXT

CFG_BP_API

ID	INTEGER
SSL_VERIFICATION	BIT
CLIENT_ID	TEXT
CLIENT_SECRET	TEXT
AUTHENTICATION_URL	TEXT
API_URL	TEXT
PAGE_SIZE	INTEGER

CFG_ODBC_CONNECTION

ID	INTEGER
CONNECTION_STRING	TEXT
QUERY	TEXT

CFG_SOURCETYPE

ID	INTEGER
NAME	TEXT

VIEW_GET_STAGEFILTERSLIST

CONFIG_ID	INTEGER
STAGEFILTERLIST	ENUM

VIEW_GET_CONFIG_BLUEPRISM_REPO

bppi_url	TEXT
bppi_token	TEXT
bppi_table	TEXT
other_logfolder	TEXT
other_logfilename	TEXT
other_loglevel	TEXT
other_logformat	TEXT
bppi_todolist	TEXT
sourcetype	TEXT
blueprism_processname	TEXT
blueprism_includevbo	BIT
blueprism_unicode	BIT
blueprism_startendfilter	BIT
blueprism_delta	BIT
blueprism_deltafile	TEXT
database_connectionstring	TEXT
database_query	TEXT
ID	INTEGER

VIEW_GET_PARAMLIST

CONFIG_ID	INTEGER
PARAMLIST	ENUM

VIEW_GET_FULLCONFIG_BLUEPRISM_REPO

ID	INTEGER
bppi_url	TEXT
bppi_token	TEXT
bppi_table	TEXT
other_logfolder	TEXT
other_logfilename	TEXT
other_loglevel	TEXT
other_logformat	TEXT
bppi_todolist	TEXT
sourcetype	TEXT
blueprism_processname	TEXT
blueprism_includevbo	BIT
blueprism_unicode	BIT
blueprism_startendfilter	BIT
blueprism_delta	BIT
blueprism_deltafile	TEXT
database_connectionstring	TEXT
database_query	TEXT
blueprism_stagetypefilters	ENUM
blueprism_parameters	ENUM
configsource	ENUM

~Layout with Sample Tools

Table CFG_BPPISERVER

* Pk	ID	INTEGER
*	NAME	TEXT
	DESCRIPTION	TEXT
	TOKEN	TEXT
	URL	TEXT
Indexes		
Pk	pk_CFG_BPPISERVER	ID

Table CFG_BPPI_REPO_TABLE

* Pk	ID	INTEGER
*	NAME	TEXT
	DESCRIPTION	TEXT
Indexes		
Pk	pk_CFG_BPPI_REPO_TABLE	ID

Table CFG_BPPI_REPO_TODO

* Pk	ID	INTEGER
*	NAME	TEXT
	DESCRIPTION	TEXT
Indexes		
Pk	pk_CFG_BPPI_REPO_TODO	ID

Table CFG_BP_API

* Pk	ID	INTEGER
	SSL_VERIFICATION	BIT
	CLIENT_ID	TEXT
	CLIENT_SECRET	TEXT
	AUTHENTICATION_URL	TEXT
	API_URL	TEXT
	PAGE_SIZE	INTEGER
Indexes		
Pk	pk_CFG_BP_API	ID

Table CFG_BP_PARAMS

* Pk	ID	INTEGER
	NAME	TEXT(100)
Indexes		
Pk	pk_CFG_BP_PARAMS	ID

Table CFG_BP_PARAMS_COLLECT

* Pk	FK_PARAMS_ID	INTEGER
* Pk	FK_BPREPO_ID	INTEGER
Indexes		
Pk	pk_CFG_BPPI_BPPARAMS_LIST	FK_PARAMS_ID, FK_BPREPO_ID
Foreign Keys		
	fk_CFG_BPPI_BPPARAMS_LIST (FK_PARAMS_ID) ref CFG_BP_PARAMS (ID)	

Table CFG_BP_PARAMS_COLLECT

fk_CFG_BPPI_BPPARAMS_LIST_0 (FK_BPREPO_ID) ref CFG_BP_REPO (ID)

Table CFG_BP_REPO

* Pk	ID	INTEGER	
	PROCESS_NAME	TEXT	
	INCLUDE_VBO	BIT	
	UNICODE_SUPPORT	BIT	
	START_END_FILTER	BIT	if 1 name of the main Process page (by default Main Page)
	DELTA_LOAD	BIT	
	DELTA_TAG_FILE	TEXT	
*	FK_ODBC_ID	INTEGER	

Indexes

Pk	pk_CFG_BP_REPO	ID

Foreign Keys

fk_CFG_BP_REPO (FK_ODBC_ID) ref
CFG_ODBC_CONNECTION (ID)

Table CFG_BP_STAGES

* Pk	ID	INTEGER
	CODE	TEXT
	NAME	TEXT(100)

Indexes

Pk	pk_CFG_BP_STAGES	ID

Table CFG_BP_STAGE_FILTERS

* Pk	FK_BPSTAGE_ID	INTEGER
* Pk	FK_BPREPO_ID	INTEGER

Indexes

Pk	pk_CFG_BPPI_BPSTAGES_FILTER	FK_BPSTAGE_ID, FK_BPREPO_ID

Foreign Keys

fk_CFG_BPPI_BPSTAGES_FILTER (FK_BPSTAGE_ID) ref CFG_BP_STAGES (ID)

fk_CFG_BPPI_BPSTAGES_FILTER_0 (FK_BPREPO_ID) ref CFG_BP_REPO (ID)

Table CFG_EVENTMAP

* Pk	ID	INTEGER
	MAP_TABLE	TEXT
	MAP_COLUMN	TEXT
*	EVENTMAP_TYPE_ID	INTEGER

Indexes

Pk	pk_CFG_EVENTMAP	ID

Foreign Keys

fk_CFG_EVENTMAP (EVENTMAP_TYPE_ID) ref CFG_EVENTMAP_TABLETYPE (ID)

Table CFG_EVENTMAP_TABLETYPE

* Pk	ID	INTEGER
	TABLE_TYPE	TEXT

Indexes

Pk	pk_CFG_EVENTMAP_TABLETYPE	ID

Table CFG_FILE

* Pk	ID	INTEGER
	TYPE	TEXT
	SEPARATOR	TEXT
	DESCRIPTION	TEXT
Indexes		
Pk	pk_CFG_FILE	ID

Table CFG_ODBC_CONNECTION

* Pk	ID	INTEGER
	CONNECTION_STRING	TEXT
	QUERY	TEXT
Indexes		
Pk	pk_CFG_ODBC_CONNECTION	ID

Table CFG_OTHER

* Pk	ID	INTEGER
	LOG_FOLDER	TEXT
	LOG_FILENAME	TEXT
	LOG_LEVEL	TEXT
	LOG_FORMAT	TEXT
Indexes		
Pk	pk_CFG_OTHER	ID

Table CFG_PIPELINE

* Pk	ID	INTEGER
*	NAME	TEXT
	DESCRIPTION	TEXT
*	FK_SERVER_ID	INTEGER
*	FK_REPO_TABLE_ID	INTEGER
	FK_REPO_TODO_ID	INTEGER
*	FK_OTHER_ID	INTEGER
	FK_EVENTMAP_ID	INTEGER
	FK_BPREPO_ID	INTEGER
	FK_BPAPI_ID	INTEGER
	FK_FILE_ID	INTEGER
	FK_SAP_ID	INTEGER
*	SOURCE_TYPE_ID	INTEGER
Indexes		
Pk	pk_CFG_PIPELINE	ID
Foreign Keys		
	fk_CFG_BPPI_PIPELINE (FK_OTHER_ID) ref CFG_OTHER (ID)	
	FK_CFG_BPPI_PIPELINE CFG_BPPISERVER (FK_SERVER_ID) ref CFG_BPPISERVER (ID)	
	FK_CFG_BPPI_PIPELINE CFG_BPPI_REPO_TABLE (FK_REPO_TABLE_ID) ref CFG_BPPI_REPO_TABLE (ID)	
	FK_CFG_BPPI_PIPELINE CFG_BPPI_REPO_TODO (FK_REPO_TODO_ID) ref CFG_BPPI_REPO_TODO (ID)	
	fk_CFG_BPPI_PIPELINE_0 (FK_EVENTMAP_ID) ref CFG_EVENTMAP (ID)	
	fk_CFG_BPPI_PIPELINE_1 (FK_BPREPO_ID) ref CFG_BP_REPO (ID)	
	fk_CFG_PIPELINE (FK_BPAPI_ID) ref CFG_BP_API (ID)	
	fk_CFG_PIPELINE_0 (FK_FILE_ID) ref CFG_FILE (ID)	

Table CFG_PIPELINE

fk_CFG_PIPELINE_1 (FK_SAP_ID) ref CFG_SAP (ID)

fk_CFG_PIPELINE_2 (SOURCE_TYPE_ID) ref CFG_SOURCETYPE (ID)

Table CFG_SAP

	ASHOST	TEXT
* Pk	ID	INTEGER
	CLIENT	TEXT
	SYSNR	TEXT
	USER	TEXT
	PASSWORD	TEXT
	ROUTER	TEXT
	RFCTABLE	TEXT
	RFCFIELDS	TEXT
	ROWLIMIT	INTEGER

Indexes

Pk	pk_CFG_SAP	ID

Table CFG_SOURCETYPE

* Pk	ID	INTEGER
	NAME	TEXT

Indexes

Pk	pk_CFG_SOURCETYPE	ID

Table Users

* Pk	id	INTEGER
	username	VARCHAR(64)
	email	VARCHAR(64)
	password	BLOB
	oauth_github	VARCHAR(100)

Indexes

Pk	pk_Users	id

Table flask_dance_oauth

* Pk	id	INTEGER
*	provider	VARCHAR(50)
*	created_at	DATETIME
*	token	VARCHAR
*	user_id	INTEGER

Indexes

Pk	pk_flask_dance_oauth	id

Foreign Keys

FK_flask_dance_oauth Users (user_id) ref Users (id)

View VIEW_GET_CONFIG_BLUEPRISM_REPO

```
CREATE VIEW ${nameWithSchemaName} AS
SELECT pipeline.ID as ID,
    server.URL AS bppi_url,
    server.TOKEN AS bppi_token,
    bppitable.NAME AS bppi_table,
    other.LOG_FOLDER AS other_logfolder,
    other.LOG_FILENAME AS other_logfilename,
    other.LOG_LEVEL AS other_loglevel,
    other.LOG_FORMAT AS other_logformat,
    bppitodo.NAME AS bppi_todolist,
    src.NAME AS sourcetype,
  cbr.PROCESS_NAME AS blueprism_processname,
  cbr.INCLUDE_VBO AS blueprism_includevbo,
  cbr.UNICODE_SUPPORT AS blueprism_unicode,
  cbr.START_END_FILTER AS blueprism_startendfilter,
  cbr.DELTA_LOAD AS blueprism_delta,
  cbr.DELTA_TAG_FILE AS blueprism_deltafile,
  coc.CONNECTION_STRING AS database_connectionstring,
  coc.QUERY AS database_query
FROM CFG_PIPELINE pipeline
 LEFT JOIN CFG_BPPISERVER server ON ( server.ID = pipeline.FK_SERVER_ID )
 LEFT JOIN CFG_BPPI_REPO_TABLE bppitable ON ( bppitable.ID = pipeline.FK_REPO_TABLE_ID )
 LEFT JOIN CFG_OTHER other ON ( other.ID = pipeline.FK_OTHER_ID )
 LEFT JOIN CFG_BPPI_REPO_TODO bppitodo ON ( bppitodo.ID = pipeline.FK_REPO_TODO_ID )
 LEFT JOIN CFG_SOURCETYPE src ON ( src.ID = pipeline.SOURCE_TYPE_ID )
 LEFT JOIN CFG_BP_REPO cbr ON ( cbr.ID = pipeline.FK_BPREPO_ID )
 LEFT JOIN CFG_ODBC_CONNECTION coc ON ( coc.ID = cbr.FK_ODBC_ID )
WHERE src.NAME = "bprepo"
```

View VIEW_GET_FULLCONFIG_BLUEPRISM_REPO

```
CREATE VIEW ${nameWithSchemaName} AS
SELECT cfg.*,
    "sqlite3" AS configsource,
    stg.STAGEFILTERLIST AS blueprism_stagetypefilters,
    prm.PARAMLIST AS blueprism_parameters
FROM VIEW_GET_CONFIG_BLUEPRISM_REPO cfg
LEFT JOIN VIEW_GET_STAGEFILTERSLIST stg ON cfg.ID = stg.CONFIG_ID
LEFT JOIN VIEW_GET_PARAMLIST prm ON  cfg.ID = stg.CONFIG_ID
```

View VIEW_GET_PARAMLIST

```
CREATE VIEW ${nameWithSchemaName} AS
SELECT cbp.ID AS CONFIG_ID,
    group_concat(cbp.NAME) AS PARAMLIST
FROM CFG_BP_PARAMS_COLLECT params
 INNER JOIN CFG_BP_PARAMS cbp ON ( cbp.ID = params.FK_PARAMS_ID )
```

View VIEW_GET_STAGEFILTERSLIST

```
CREATE VIEW ${nameWithSchemaName} AS
SELECT stg.ID AS CONFIG_ID,
    group_concat(stg.CODE) AS STAGEFILTERLIST
FROM CFG_BP_STAGE_FILTERS stages
 INNER JOIN CFG_BP_STAGES stg ON ( stg.ID = stages.FK_BPSTAGE_ID )
```