# DA Development

DA stands for database-admin tool.

### DA scripts

### DA scripts are in FRMS-platform repository (http://vserver3:9009/scm/git/frms-platform ) in FRMS-database-admin directory tree.

### The structure

DA component contains the following tools and resources:

* Apache Ant
* OSGeo4W package with **ogr2ogr** utility
* Data Model scripts
* build.xml with Ant tasks
* BAT files

### Update data model scripts

If data model scripts get changes then DA component must be updated with them. Replace content in datamodel directory of DA with corresponding directories and their content from **frms-platform** repository:

frms-repository\datamodel\build

frms-repository\datamodel\clean

frms-repository\datamodel\original

### Configure local and database connections

If DA component needs configuration of database connections then take a look to a file in DA

profile\devenv.bat

This file is for Arbonaut development environment. If necessary similar files can be created by copy-paste and modified with names

* production.bat
* testenv.bat

### Run DA workflow

Start  RUN.bat script directly by double click.  The local PostgreSQL database must be running.

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|  | **Notice!** The database **data\_forest** in running LDB will be dropped and re-created from scratch using data model scripts and necessary background data is transferred from central database. Any current data or changes in local database that are not synchronized to central database will be lost! |