

Build CzechIdM Backend

Requirements

Install OpenJDK 11 (OpenJDK 21 for CzechIdm 13.1.0+).

Install Maven. - Required version is 3.1 or higher

Install Tomcat 9.0.*. Tested versions: 9.0.80

Modules

Project modules [mandatory]

- parent Maven parent of all following submodules with common dependencies
- core Contains base IdM functionality (entities, repositories, services etc.)
 - core-api Core interfaces
 - core-test-api Test interfaces
 - core-impl Core services, entities and rest implementation
- app Contains example .war application - all modules (core + business modules) and their configuration

Application modules [optional]

* acc Account management module * module-example Example application module / skeleton

Maven modules [optional]

* gui Frontend as .war package * module-aggregator Complex builder for all modules

Build

The quickest way to build whole backend application, is to use module-aggreagator. Go to module-aggreagator folder, where pom.xml is located and run command:

```
mvn clean install
```

or you can build it with separeate gui (requires gulp installation from [frontend installation guide](#))

```
mvn clean install -separatedApp
```

or you can build full released app in one idm.war file containing backend and frontend with acc and

example modules. (requires gulp installation from [frontend installation guide](#))

```
mvn clean install -Prelease
```

Also you can build all mandatory project modules one by one in order above using:

```
mvn clean install
```

Deploy

Deploy `idm-backend.war` or `idm.war` file located in target folder of app module to Tomcat/webapps.

Demo user credentials

username: admin

password: admin

Configuration



Default profile is using h2 database. It is not necessary to configure it for first start.

All configuration properties are in [documentation](#)

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<https://wiki.czechidm.com/> - **IdStory Identity Manager**

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https://wiki.czechidm.com/tutorial/dev/build_backend

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