Installation Documentation

map.apps with MD2

Project Seminar

Model-driven Mobile Development

(University of Münster)

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Contents

1 Prerequisites

The following software is required prior to the next steps:

- map.apps 3.1.0

- Eclipse IDE for Java and DSL Developers (e.g. Version Kepler)

- NetBeans EE (e.g. Version 8.0)

- Apache Tomcat 7.0 with running map.apps runtime

- GlassFish 4.+

2 Installing a map.apps Development Environment

2.1 Basic map.apps Development Setup

1. Extract the `sampleProjRemote` project. from the map.apps distribution and load it in NetBeans

2. In its `pom.xml`, set the `mapapps.remote.base` directive to the URL where the map.apps runtime is installed.

3. Right-click the project, select "Custom" and select "Goals..." to create a new Maven goal.

4. Open the `nbactions.xml`.

> Describe configuration

> Describe set property for Jetty port 9090

2.2 MD2 Runtime Bundles

1. Copy the MD2 runtime bundles into the `bundles/` directory of the project:

```
md2_formcontrols
md2_local_store
md2_location_service
md2_runtime
md2_store
onlinestatus
```

2. Copy a generated MD2 app into the project or use a symlink to reference apps from another location (see Section 3.1).

3 Creating Symbolic Links for Generated Apps and Backend

3.1 Reference a Generated App in the Development Project

Describe symlinks for generated apps

3.2 Reference a Generated Backend in GlassFish

Err... why?

4 Running a Generated Backend

describe