

# **Installation Documentation**

**map.apps with MD2**

Project Seminar

Model-driven Mobile Development  
(University of Münster)

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## 1 Installation

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 Getting Started**

### **2.1 Developing a Single App**

#### **2.1.1 Workflow**

#### **2.1.2 Model**

#### **2.1.3 View**

#### **2.1.4 Controller**

### **2.2 Deploying a Single App**

#### **2.2.1 Backend**

#### **2.2.2 map.apps**

## **3 Development and Deployment of multiple Apps**

### **3.1 Workflow across multiple Apps**

### **3.2 Deployment on map.apps**

## **4 Addtitional Features**

### **4.1 Uploading, Saving and Displaying RESTful Web Services**

### **4.2 Calling RESTful Web Service from the App**

### **4.3 Control of Workflow by calling a RESTful Web Service**

## **A Sample Workflow**