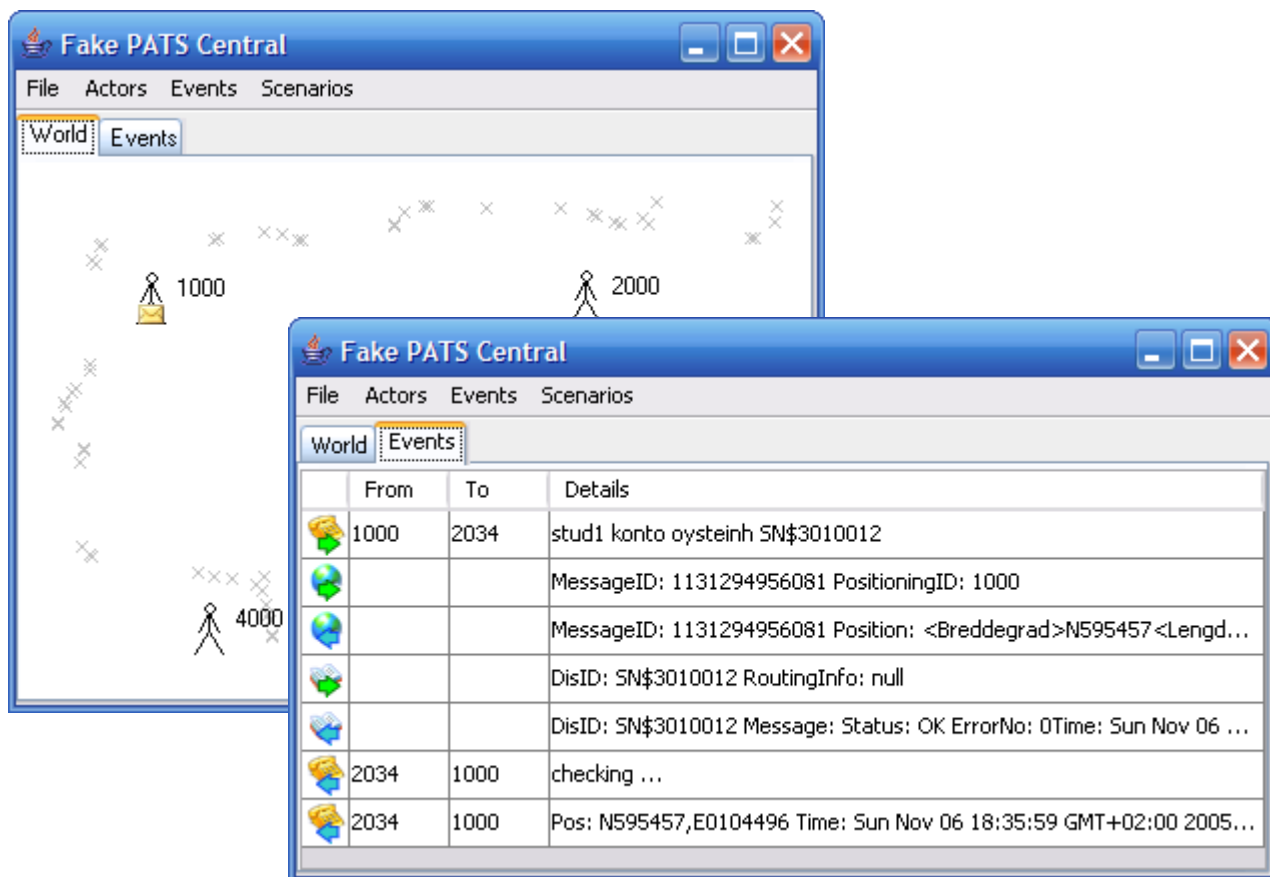


# Fake PATS Central

## Introduction

The Fake PATS Central is a testing tool that replaces the real Trafikanten and Pats SMS/GSM Positioning services with a simulation. It enables the user to place a number of actors on different places on the map, and to simulate that these actors sends SMS messages to the system. The user can then monitor the sequence of messages that are exchanged between the actors and the system, Pats and Trafikanten.



## Requirements

FPC requires Java 1.4 or 1.5/5.0.

## Installation in Rational Software Modeller

To use FPC in place of the real Pats and Trafikanten services, configure the project classpath to include the following JAR-files (in the following order):

- FakePats.jar
- JavaFrame-IFI<date>.jar
- SMSMediators-<date>.jar
- DynTrafikantenMediators-<date>.jar

Tips. For easy switching, define two *user libraries* in RSM – one called “RealPats” that includes

the mediators and libraries required to connect to the real Pats and Trafikanten services, and another called “FakePats” that includes the jar-files discussed above.

## ***Starting FPC***

The graphical FPC tool is a standalone application and can be started with the following command:

```
java -jar fakepats.jar
```

No other libraries are required on the classpath.

It is recommended (but in many cases not required) to start FPC before the RSM/JavaFrame application is started.

## ***Usage***

A typical usage session could be:

- Create an actor and assign a phone number. Notice that an actor symbol appears on the map.
- Position the actor somewhere on the map (drag the actor symbol to the desired position).
- Click the actor and type an SMS message. Click “Send now” to send the message immediately, or “Enqueue” to send the message later.
- Select Scenarios | Save scenario to capture the current setup.
- Switch to the event view. If there are queued messages, select Events | Send queued messages to send the messages – either all at once or one at a time in random order.
- Monitor whether the event sequence is as expected.
- Reload a saved scenario to replay it. (Saves some typing in a testing and debugging situation.)

## ***Saved scenarios***

Scenarios are saved as files with the extension “.scenario” in the current directory. Delete these files to remove the scenarios from the FPC menu.