

# FIXML Generator Tool

## *User Guide*

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## **Overview**

FIXML Generator Tool is a utility for generating sources and package with dictionary dependent code for FIXM Converter. It is used for preparing a customized FIXML Converter Model.

## Requirements

### *Hardware*

	Minimum	Recommended
<b>CPU</b>	1.0 GHz	2.6 GHz
<b>Memory</b>	128 Mb	1 Gb
<b>Disk Space</b>	50 Mb	100 Mb

### *Software*

- Java 5.0
- Ant 1.7.1
- One of the supported Operating Systems
  - Microsoft Windows XP Professional SP3
  - Microsoft Windows Vista
  - Ubuntu 9.04
  - Solaris OS version 10 (SPARC)
  - Solaris OS version 10 (x86/x64 Platform Edition)
  - Macintosh OS X 10.5 Intel
  - Macintosh OS X 10.5 PPC

## Package description

FIXML Generator Tool package has the following structure:

- bin
  - build.xml, build.properties – Apache Ant build configuration
  - generate – Linux startup script
  - generate.bat – Windows startup script
- doc
  - FIX\_FIXMLDicsCutomizationGuide.doc – Manual which describes the required changes for customizing convertor dictionaries
  - User\_Guilder.doc – this manual
- fix-spec –dictionaries with FIX description in XML format
- fixml-spec – schemas with FIXML descriptions
- lib – libraries required for generator tool
- transform-xslt – auxiliary XSLT trasformations for generating convertor sources.

## **Preparing custom FIXML converter package**

To get a customized FIXML Converter, follow the steps below:

1. Customize FIX and FIXML description from fix-spec and fixml-spec directories according to rules described in `FIX_FIXMLDicsCutomizationGuide.doc`
2. Start generation of a FIXML Converter Model by running script `bin/generate.bat` (or `bin/generate` for Linux). When the script is done you can find a new model package in build directory (`build/fixaj-fixmlconverter-model-X.Y.Z.jar`)
3. Replace the model package in FIXML Converter libraries with a generated one from `build/fixaj-fixmlconverter-model-X.Y.Z.jar`

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