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TRIPjxp v8.4-0

Release Notes

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About This Document

This document contains version-specific information and last-minute additions to the standard documentation.

Included in TRIPjxp

tripjxp.jar

The main JAR file of TRIPjxp, this implements XPI for the Java programming language. This file must be on the CLASSPATH in order for a TRIPjxp application to run.

Local Sessions

A JNI-based local session type is available via the `TdbLocalSession` class on some operating systems. This makes a direct connection to the TRIP kernel on the same machine, bypassing network communication altogether.

Local session support comes with a JAR file named `tripjxp_local.jar`, and a JNI library named `jxplocal.dll` on Windows, and `libjxplocal.so` on Linux/Unix. These two must be on the CLASSPATH and the library path, respectively, in order for local sessions to work.

Examples

Several example applications are provided that demonstrate a wide range of TRIPjxp features. Source code and compiled binaries are both provided.

Documentation

The following documentation is provided with TRIPjxp:

- A release notes PDF document (this file).
- A change history PDF document.
- A Javadoc-based API reference manual in the form of a collection of HTML files.
- A Programmer's Guide manual for TRIPnxp and TRIPjxp in PDF format.

Requirements

TRIPjxp requires a Java runtime, version 8, 11 or 17.

The recommended TRIPsystem version is 8.4-0 or later. Older versions may also work, but please carefully review the most recent release notes and change history for TRIPsystem and TRIPjxp to see if any recently fixed issues are relevant to you. An upgrade may be necessary in order to ensure best application stability.

For text extraction and HTML conversion operations, an installation of TRIPcof is required on either the machine where TRIPsystem is running or where the TRIPjxp application is running.

Support for TRIPview and TRIPviewC is limited. Please contact your TRIP distributor if you run any of these.

Installation

TRIPjxp comes packaged in a ZIP file. Simply unpack it wherever you want it. You may also want to add the tripjxp.jar file to your CLASSPATH environment variable.

If local session support is available on your selected operating system, you should also consider adding the tripjxp_local.jar file to the CLASSPATH, and the JNI library (jxplocal.dll or libjxplocal.so) to the library path. Please note that the JNI library is 64-bit. An older, 32-bit version of TRIPsystem can therefore not be used with local sessions (only networked).

In order to run the pre-built examples, you also need to have the tripjxp_examples.jar file on the CLASSPATH.

Change History

The change history can be found in the TRIPjxp Change History document.