

# PLCS Toolbox for the Java Platform

The PLCS Toolbox for the Java Platform from Eurostep provides an environment which enables rapid development and deployment of ISO 10303-239 – PLCS based applications.

The Toolbox provides functionality which significantly reduces the time taken to develop and deploy PLCS implementations such as PLCS data importers and exporters that are of a high quality, highly efficient, and conformant to the standard.

The PLCS Toolbox is ideally suited for creating interfaces to legacy systems such as ERP and PLM, thus making smooth import and export of PLCS data possible.



## Further information

More information about Eurostep's PLCS Toolbox for the Java Platform and the other components in the Share-A-space® Product Suite is available at [www.eurostep.com](http://www.eurostep.com) in the section Share-A-space® Product Suite.

You are also welcome to contact:  
[info@eurostep.com](mailto:info@eurostep.com)

For information on ISO 10303-239 Product Life Cycle Support (PLCS), please contact [plcs@eurostep.com](mailto:plcs@eurostep.com) or visit:  
<http://www.plcs-resources.org>

## Requirements

Java Runtime Environment	1.5 (For instructions on setting up the JRE in different operating systems, visit <a href="http://java.sun.com">http://java.sun.com</a> )
Memory	Minimum 512 MB is required
Disk	No minimum requirement
Operating System	Tested on Windows XP, Windows 2000, Windows Vista, Linux

## Features of the Eurostep

### PLCS Toolbox for the Java Platform

- A set of Java classes which corresponds to the ISO 10303-239 - PLCS EXPRESS model with navigation capabilities.
- Support for PLCS templates which provides a high level API for creating PLCS data.
- Manages repositories and models (creates repository(ies) and models for storing the instances of the PLCS Java classes).
- Reads and parses ISO 10303-28 edition 2 XML files and instantiates resulting PLCS Java classes into a model.
- Reads and parses ISO 10303-21 files and instantiates resulting PLCS Java classes into a model.
- Writes out the contents of a model as ISO 10303-28 edition 2 XML files.
- A browser for examining PLCS ISO 10303-21 and ISO 10303-28 ed2 files.
- Writes out the contents of a model as ISO 10303-21 formatted files.

