

JSLplus⁺

Java Batch capabilities for z/OS

JSR-352 defines the open standard for Java Batch. Java Batch applications written to the JSR-352 standard are portable and can run in many environments, including z/OS. These standards introduce the Job Specification Language (JSL), an XML-based language that defines batch jobs and associated artifacts within the batch programming model. Job XMLs, implemented in XML, play a crucial role in this process.

Total Eclipse-based IDE compatibility

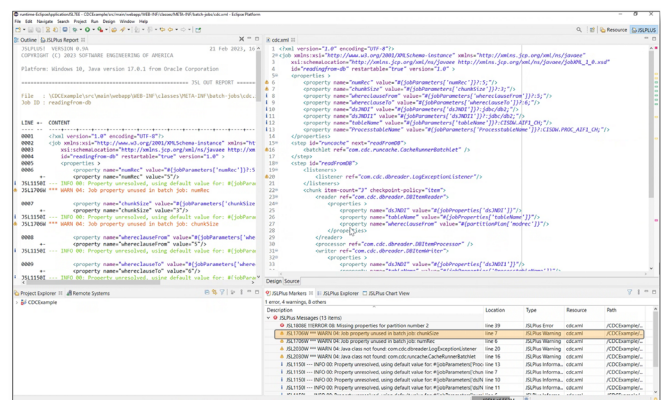
JSLplus⁺ plugin is a component of SEA's Batch Asset Management suite plus⁺Pack. It provides a comprehensive set of tools to validate individual Job XMLs, all Job XMLs in an Eclipse project, or all Job XMLs packaged within a web archive (WAR) file.

JSLplus⁺ is compatible with any Eclipse-based Java Integrated Development environment (IDE), including IBM Developer for z/OS (IDz), BMC Compuware Topaz Workbench, Micro Focus Enterprise Developer for Eclipse, native Eclipse environment, and others. JSLplus⁺ supports Job XMLs coded according to Java Batch version 1.0, 2.0, or 2.1 specifications, ensuring full compatibility.

SEA's JSLplus⁺ plugin features include:

\$AVRS state-of-the-art database compresses all online data for space efficiency. Some of its key features are:

- **Syntax Checking and JSL-Specific Error Detection:** Ensures the validity of your XML files and identifies any JSL-specific errors effectively.
- **Variable Property Definition Resolution:** Resolves variable property definitions seamlessly, allowing for accurate validation.
- **JSL Semantics Validation:** Validates JSL semantics including proper coding of forward references and property references.
- **Artifact Reference Validation:** Verifies references to artifacts, such as the existence of Java classes and their correct implementation of interfaces.



JSLplus⁺ reporting and cross-reference features include:

- **Summary of Warnings and Errors:** Quickly access an overview of any warnings or errors detected during the validation process.
- **Searchable Indexed References:** Easily search and navigate through JSL tags, JSL properties, and Java artifacts for efficient troubleshooting.
- **Graphical Visualization:** a graphical representation of the flow of steps within a job, enabling visual insights into your batch processes.

