

Java	IDE		Service Providers
JCOA Level of Specification	IDE	Type of Java Application	Infrastructure Classes
none	Eclipse JDT	any	None needed
id and version only	Eclipse JDT (future)	any	None needed
id, version, parametrization, configuration	Eclipse JDT (future)	any	None needed (startup and configuration infrastructure nice to have)
id, version, parametrization, configuration + extension points	Eclipse 3.0 PDE	J2SE Client (using RCP 3.0)	Eclipse Generic Workbench
id, version, parametrization, configuration + extension points	Eclipse JDT (future)	J2SE Client (general)	Classes by service providers (future)
id, version, parametrization, configuration + extension points	Eclipse JDT (future)	J2SE Server	Classes by service providers (future)
id, version, parametrization, configuration + extension points	Eclipse JDT (future)	J2EE Applikation	Classes by service providers (future) Examples. 1) Infrastructure Classes for WebContainer 2) Specialized Classes for Vendor J2EE Server

JCOA – Java Component Oriented Architecture. The term is made up.

JCOA Levels of Specification

id and version: allows components to reference other components using their id and version

parametrization: components specify by which parameters they need to be parametrized. A property file for the application is generated on the basis of these entries.

configuration: components specify how they need to be configured. In the context of an application there will be exactly one other component configuring this component.

extension point: analogous to PDE extension points

For more details about parametrization, configuration, please turn to JDT_Goes_PDE_en.ppt.