

Controls

Beehive Controls

Beehive Controls are a lightweight component model for J2EE, based on the standard J2SE J*_avaBeans model and extended with J2SE 5.0 / JSR-175 annotations.

Open Specifications

Feature / specification proposals should be posted here for discussion. Documents that are substantially developed will be moved into svn and made available from the project web site.

- [Assembly and Binding](#): Definition of "assembly", a build-time stage where controls can do code-gen and side-effect their J2EE container. Discusses an approach to allowing users to specify implementation bindings for control types.
- [Controls Packaging](#): Describes the base JAR packaging model for controls, how it relates to J*_avaBeans packaging and introspection, and the annotation syntax for setting manifest and descriptor information.
- [Controls Threading Model](#): Describes the threading model for control users and developers.
- [Controls Versioning](#): Describes the annotations and semantics around versioning of controls source artifacts.
- [Implementing Annotation-based Programming Model Features](#): Describes a general mechanism for adding annotation-based features to the controls programming model via J*_avaBean contextual services.
- [System Controls](#): A set of starter controls to make the runtime more generally useful out of the box. Beehive includes four "system" controls – JDBC, JMS, EJB, and web services.
- [Testing Controls](#)