

Transactions (Spring/ EL4J)

Packages org.springframework.transaction.annotation
ch.elca.el4j.core.transaction.annotations

TM	@Transactional (propagation=[REQUIRED, SUPPORTS, MANDATORY, REQUIRES_NEW, NOT_SUPPORTED, NEVER, NESTED], isolation=[DEFAULT, READ_UNCOMMITTED, READ_COMMITTED, REPEATABLE_READ, SERIALIZABLE], readOnly=false, Class[] rollbackFor={}, String[] rollbackForClassName={}, Class[] noRollbackFor={}, String[] noRollbackForClassName={})
IM	@RollbackConstraint (Class[] rollbackFor={}, String[] rollbackForClassName={}, Class[] noRollbackFor={}, String[] noRollbackForClassName={})

Security (EL4J, Acegi)

Packages org.acegisecurity.annotation
javax.annotation.security.RolesAllowed

TM	@RolesAllowed (String[] roles) ¹
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Dependency Injection (Spring)

Package org.springframework.beans.factory.annotation

M	@Required
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Validation (Hibernate)

Package org.hibernate.validator

MF	@Length (min=0, max=2147483647, message="{validator.length}")
MF	@Max (int value, message="{validator.max}")
MF	@Min (int value, message="{validator.min}")
MF	@NotNull
MF	@Past (message="{validator.past}")
MF	@Future (message="{validator.future}")
MF	@Pattern (String regex, flags=0, message="{validator.pattern}")
MF	@Range (min= -9223372036854775808L, max=9223372036854775807L, message="{validator.range}")
MF	@Size (min=0, max= 2147483647, message="{validator.size}")
MF	@AssertTrue (message="{validator.assertTrue}")
MF	@AssertFalse (message="{validator.assertFalse}")
MF	@Valid
MF	@Email (message="{validator.email}")

Persistence (Hibernate-specifics)

Package org.hibernate.annotations

N.B.: The EJB 3.0 Persistence annotations are defined in the EJB 3.0 Persistence Annotations Cheat Sheet!

T	@Entity (mutable=true, dynamicInsert=false, dynamicUpdate=false, selectBeforeUpdate=false, polymorphism=[IMPLICIT, EXPLICIT], persister="", optimisticLock=[VERSION, DIRTY, ALL, NONE])
T	@Proxy (lazy=true, proxyClass=void.class)
TMF	@GenericGenerator (String name, String strategy, Parameter[] parameters={})
TMF	@AccessType (String value)
MF	@Cascade (value=[ALL, PERSIST, MERGE, REMOVE, REFRESH, DELETE, SAVE_UPDATE, REPLICATE, DELETE_ORPHAN, LOCK, EVICT])
MF	@LazyToOne (value=[PROXY, NO_PROXY, FALSE])
MF	@LazyCollection (value=[TRUE, EXTRA, FALSE])
MF	@Fetch (value=SELECT, SUBSELECT, JOIN)
MF	@CollectionOfElements (fetch=[LAZY, EAGER], targetElement=void.class)
TMF	@OnDelete (action=[CASCADE, NO_ACTION])
TMF	@Cache (usage=[NONE, READ_ONLY, NONSTRUCT_READ_WRITE, READ_WRITE, TRANSACTIONAL], region="", include="all")
T	@NamedQuery (String name, String query, flushMode=[AUTO, ALWAYS, COMMIT, NEVER], cacheable=false, cacheRegion="", fetchSize=-1, timeout=-1, comment="", cacheMode=[NORMAL, GET, IGNORE, PUT, REFRESH], readOnly=false)

XML Binding (JAXB)

Package javax.xml.bind.annotation

MF	@XmlElement (name="##default", nillable="false", required="false", namespace="##default", defaultValue="\u0000", type=XmlElement.DEFAULT.class)
T	@XmlRootElement (namespace="##default", name="##default")
MF	@XmlAttribute (name="##default", required=false, namespace="##default")
T	@XMLEnum (value=String.class)
T	@XmlType (name="##default", String[] propOrder={}, namespace="##default", factoryClass=XmlType.DEFAULT.class, factoryMethod="")
MF	@XmlSchemaType (String name, namespace="http://www.w3.org/2001/XMLSchema", type=XmlSchemaType.DEFAULT.class)
TMFA	@XmlJavaTypeAdapter (Class<? Extends XmlAdapter>, type=XmlJavaTypeAdapter.DEFAULT.class)
T	@XmlAccessorType (value=[UNDEFINED, ALPHABETICAL])
MF	@XmlTransient

Performance Monitoring (EL4J, JAMon)

Package ch.elca.el4j.services.statistics.light.annotation

TM	@TrackPerformance ¹
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Performance Optimizations (Springmodules)

Package org.springframework.cache.annotations

T	@Cacheable (String modelId) ¹
TM	@CacheFlush (String modelId) ¹

Legend

PTMFA Annotation applies to Package, Type, Method, Field, Argument (Parameter)

VALUE Default Value

EL4J 1.1 Annotations Cheat Sheet

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Version 1.1.0, based on the EL4J, Spring, Hibernate and JAXB API documentations

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¹ Annotation not yet implemented in EL4J 1.1, will follow shortly..