

Transactions (Spring)

Package org.springframework.transaction.annotation

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={})

Security (EL4J, Acegi)

Package ch.elca.el4j.services.security.annotation

TM **@RolesAllowed**(String[] roles)

Dependency Injection (Spring)

Package org.springframework.beans.factory.annotation

M **@Required**

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)
PTMF **@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")

PT **@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="")

PMF **@XmlSchemaType**(String name, namespace="http://www.w3.org/2001/XMLSchema", type=XmlSchemaType.DEFAULT.class)

PTMFA **@XmlJavaTypeAdapter**(Class<? Extends XmlAdapter>, type=XmlJavaTypeAdapter.DEFAULT.class)

PT **@XmlAccessorType**(value=[*UNDEFINED*, *ALPHABETICAL*])

MF **@XmlTransient**

Performance Monitoring (EL4J, JAMon)

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

PTM **@TrackPerformance**

Performance Optimizations (EL4J, Spring)

Packages ch.elca.el4j.services.caching.annotation ch.elca.el4j.services.pooling.annotation

PT **@CacheInstance**(cacheName="defaultCache", cachePolicy=[*LRU*, *LFU*, *FIFO*], timeout=120000, maxsize=1000)

TM **@Cached**(cacheInstance="", flush=false)

T **@Pooling**(maxSize=10, maxWait=-1)

Legend

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

VALUE Default Value

EL4J Annotations Cheat Sheet

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