

@Id

For entities that have multiple identifier columns each column has to be marked with @Id.

@Index

name ^{str}

columns ^[] Columns

options ^[] where

@Column

type ^{str}

name ^{str}

length ^{int}

options ^[] default, unsigned, fixed ...

unique ^{bool}

nullable ^{bool}

columnDefinition ^{str} DQL definition

precision ^{int}

scale ^{int}

"precision" and "scale" are only for decimal columns.

@ColumnResult

name ^{str}

@Cache

usage ^{ch} see choices below

region ^{str}

READ_ONLY, READ_WRITE, NONSTRICT_READ_WRITE

@ChangeTrackingPolicy

```
/**
 * @Entity
 * @ChangeTrackingPolicy(
 *     "DEFERRED_EXPLICIT"
 * )
 * @ChangeTrackingPolicy(
 *     "DEFERRED_EXPLICIT"
 * )
 * @ChangeTrackingPolicy(
 *     "NOTIFY"
 * )
 */
class User {}
```

@Entity

repositoryClass (string)

readOnly (boolean)

@EntityResult

entityClass (string)

fields (array|FieldResult)

discriminatorColumn (string)

@FieldResult

name (string)

column (string)

@GeneratedValue

strategy (choice : AUTO, SEQUENCE, TABLE, IDENTITY, UUID, CUSTOM or NONE)

@OneToOne

targetEntity (string)

cascade (array|cascades actions)

fetch (choice: LAZY, EAGER)

orphanRemoval (boolean)

inversedBy (string)

@ManyToOne

targetEntity (string)

cascade (array|cascades actions)

fetch (choice: LAZY, EAGER)

inversedBy (string)

@OneToMany

targetEntity (string)

cascade (array|cascades actions)

orphanRemoval (boolean)

mappedBy (string)

fetch (choice: LAZY, EXTRA_LAZY, EAGER)

indexBy (string)

@ManyToMany

targetEntity (string)

mappedBy (string)

inversedBy (string)

cascade (array|cascades actions)

fetch (choice: LAZY, EXTRA_LAZY, EAGER)

indexBy (string)

@OrderBy

```
/**
 * @ManyToOne(targetEntity="Group")
 * @OrderBy({"name" = "ASC"})
 */
private $groups;
```

See @ManyToMany or @OneToMany.

@JoinColumn

name (string)

referencedColumnName (string)

unique (boolean)

nullable (bool)

onDelete (array|cascades actions)



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@JoinColumn (cont)

columnDefinition (string : *DQL definition*)

See @ManyToOne and @OneToOne.

@JoinTable

name (string)

joinColumns (array|@JoinColumn)

inverseJoinColumns (array|@JoinColumn)

@JoinColumns

Array of @JoinColumn.

@SequenceGenerator

sequenceName (string)

allocationSize (integer)

initialValue (integer)

@SqlResultSetMapping

name (string)

entities (array|@EntityResult)

columns (array|@ColumnResult)

@Table

name (string)

indexes (array|@Index)

uniqueConstraints (array|@UniqueConstraint)

schema (string)

@UniqueConstraint

name (string)

columns (array|column)

options (array|: where)

@MappedSuperclass

repositoryClass (string)

@NamedNativeQuery

name (string)

query (string)

resultClass (string)

resultSetMapping (string|SqlResultSetMapping)

@Version

It only works on integer or datetime

@Columns.

@InheritanceType

```
/**
 * @Entity
 * @InheritanceType("SINGLE_TABLE")
 * ...
 */
/**
 * @Entity
 * @InheritanceType("JOINED")
```

See @DiscriminatorMap and @DiscriminatorColumn.

@DiscriminatorMap

```
/**
 * @Entity
 * @InheritanceType("JOINED")
 * @DiscriminatorColumn(name="discr", type="string")
 * @DiscriminatorMap({ "person" = "Person", "employee" = "Employee" })
 */
class Person {}
```

@DiscriminatorColumn

name (string)

type (string)

length (int)

@HasLifecycleCallbacks

See @PostLoad, @PrePersist, @PostPersist, @PreRemove, @PostRemove, @PreUpdate or @PostUpdate.



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