

### @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_IMPLICIT")
 *
 * @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)

indexedBy (string)

### @ManyToMany

**targetEntity** (string)

mappedBy (string)

inversedBy (string)

cascade (array|cascades actions)

fetch (choice: LAZY, EXTRA\_LAZY, EAGER)

indexedBy (string)

### @OrderBy

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

See @ManyToMany or @OneToMany.

### @JoinColumn

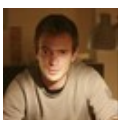
**name** (string)

**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="disc",
 * type="string")
 * @DiscriminatorMap({"person" =
 * "Person", "employee" =
 * "Employee"})
 */
class Person {}
```

### @DiscriminatorColumn

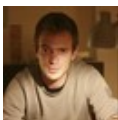
name (string)

type (string)

length (int)

### @HasLifecycleCallbacks

See [@PostLoad](#), [@PrePersist](#), [@PostPersist](#), [@PreRemove](#), [@PostRemove](#), [@PreUpdate](#) or [@PostUpdate](#).



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