Spring Professional Exam Tutorial v5.0

Question 27

Question 27 - What is the naming convention for finder methods in a Repository interface?

find*[limit]*By*[property/properties expression][comparison][ordering operator]*

limit – result of the query can be limited by usage of first/top keyword

- findFirst10ByLastname

- findFirstByOrderByLastnameAsc

- findTop3ByLastname

- findTopByOrderByAgeDesc

property/properties expression – result will be filtered based on property of entity, multiple properties can be used with usage of And, Or keyword

- findByLastnameAndFirstname

- findByLastnameOrFirstname

- findByFirstname

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find*[limit]*By*[property/properties expression][comparison][ordering operator]*

comparison – comparison mode can be specified after specifying property used for filtering

- findByFirstnameIs
- findByFirstnameEquals
- findByStartDateBetween
- findByAgeLessThan, findByAgeLessThanEqual
- findByAgeGreaterThan, findByAgeGreaterThanEqual
- findByStartDateBefore, findByStartDateAfter
- findByAgeIsNull, findByAgeIsNotNull
- findByFirstnameLike, findByFirstnameNotLike
- findByFirstnameStartingWith, findByFirstnameEndingWith
- findByFirstnameContaining
- findByLastnameNot
- findByAgeIn(Collection<Age> ages), findByAgeNotIn(Collection<Age> ages)
- findByActiveTrue, findByActiveFalse
- findByFirstnameIgnoreCase

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find*[limit]*By*[property/properties expression][comparison][ordering operator]*

ordering operator – optionally you can specify ordering operator at the end of method name

▶ findByLastnameOrderByFirstnameAsc

▶ findByLastnameOrderByFirstnameDesc