

Grails Multi-Datasource GORM Hibernate Session

GRAILS 2.5.6



2.5.6



3.1.5

```
dataSource {  
    pooled = true  
    jmxExport = true  
    driverClassName = "org.h2.Driver"  
    username = "sa"  
    password = ""  
}  
dataSource {  
    dbCreate = "create-drop"  
    url = "jdbc:h2:mem:devDb;MVCC=TRUE;LOCK_TIMEOUT=10000;DB_CLOSE_ON_EXIT=FALSE"  
}  
dataSource_books {  
    url = "jdbc:h2:mem:booksDevDb;MVCC=TRUE;LOCK_TIMEOUT=10000;DB_CLOSE_ON_EXIT=FALSE"  
    dbCreate = 'create-drop'  
}
```



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3.1.5

```
import grails.transaction.Transactional

class MovieService {

    @Transactional
    List<Movie> findAll() {
        Movie.where { }.list()
    }
}

class MovieController {

    MovieService movieService

    def index() {
        List<Movie> movieList = movieService.findAll()
        render "Movies: ${movieList*.title.join(' ')}"
    }
}
```





2.5.6



3.1.5

```
class Movie {  
    String title  
}
```

```
class MovieController {  
  
    def count() {  
        render "# of Movies: ${Movie.count()}"  
    }  
}
```



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3.1.5

```
import grails.transaction.Transactional

class BookService {

    @Transactional
    List<Book> findAll() {
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    }
}

class BookController {

    BookService bookService

    def index() {
        List<Book> bookList = bookService.findAll()
        render "Books: ${bookList*.title.join(' ')}"
    }
}
```

```
class Book {
    String title

    static mapping = {
        datasource 'books'
    }
}
```



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2.5.6



3.1.5

```
class Book {  
    String title  
  
    static mapping = {  
        datasource 'books'  
    }  
}
```

```
class BookController {  
  
    def count() {  
        render "# of Books: ${Book.count()}"  
    }  
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```



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GRAILS 3.2.11



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3.2.11



6.0.12

```
dataSource:  
    pooled: true  
    jmxExport: true  
    driverClassName: org.h2.Driver  
    username: sa  
    password:
```

```
environments:  
    development:  
        dataSource:  
            dbCreate: create-drop  
            url: jdbc:h2:mem:devDb;MVCC=TRUE;LOCK_TIMEOUT=10000;DB_CLOSE_ON_EXIT=FALSE  
    dataSources:  
        books:  
            dbCreate: create-drop  
            url: jdbc:h2:mem:booksDevDb;MVCC=TRUE;LOCK_TIMEOUT=10000;DB_CLOSE_ON_EXIT=FALSE
```



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6.0.12

```
import grails.transaction.Transactional

class MovieService {

    @Transactional
    List<Movie> findAll() {
        Movie.where { }.list()
    }
}

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        List<Movie> movieList = movieService.findAll()
        render "Movies: ${movieList*.title.join(' ')}"
    }
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```



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3.2.11



6.0.12

```
class Movie {  
    String title  
}
```

```
class MovieController {  
  
    def count() {  
        render "# of Movies: ${Movie.count()}"  
    }  
}
```



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6.0.12

```
import grails.transaction.Transactional

class BookService {

    @Transactional
    List<Book> findAll() {
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    BookService bookService

    def index() {
        List<Book> bookList = bookService.findAll()
        render "Books: ${bookList*.title.join(' ')}"
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class Book {
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6.0.12

```
class Book {  
    String title  
  
    static mapping = {  
        datasource 'books'  
    }  
}
```



org.hibernate.HibernateException: No Session found for current thread

```
class BookController {  
  
    def count() {  
        render "# of Books: ${Book.count()}"  
    }  
}
```



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3.2.11



6.0.12

```
class Book {  
    String title  
  
    static mapping = {  
        datasource 'books'  
    }  
}  
  
class BookController {  
  
    def count() {  
        int count = Book.withTransaction(readOnly: true) {  
            Book.count()  
        }  
        render "# of Books: ${count}"  
    }  
}
```



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GRAILS 3.3.1



3.3.1



6.1.7

```
dataSource:  
    pooled: true  
    jmxExport: true  
    driverClassName: org.h2.Driver  
    username: sa  
    password:
```

```
environments:  
    development:  
        dataSource:  
            dbCreate: create-drop  
            url: jdbc:h2:mem:devDb;MVCC=TRUE;LOCK_TIMEOUT=10000;DB_CLOSE_ON_EXIT=FALSE  
    dataSources:  
        books:  
            dbCreate: create-drop  
            url: jdbc:h2:mem:booksDevDb;MVCC=TRUE;LOCK_TIMEOUT=10000;DB_CLOSE_ON_EXIT=FALSE
```



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3.3.1



6.1.7

```
import grails.gorm.transactions.Transactional
```

```
class MovieService {  
  
    @Transactional  
    List<Movie> findAll() {  
        Movie.where { }.list()  
    }  
}
```

```
class MovieController {  
  
    MovieService movieService  
  
    def index() {  
        List<Movie> movieList = movieService.findAll()  
        render "Movies: ${movieList*.title.join(' ')}"  
    }  
  
}
```



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3.3.1



6.1.7

```
class Movie {  
    String title  
}
```

```
class MovieController {  
  
    def count() {  
        render "# of Movies: ${Movie.count()}"  
    }  
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```



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3.3.1



6.1.7

```
import grails.gorm.transactions.Transactional
```

```
class BookService {  
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org.hibernate.HibernateException:
No Session found for current thread

```
class BookController {  
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```

```
class Book {  
    String title  
  
    static mapping = {  
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    }  
}
```



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3.3.1



6.1.7

```

import grails.gorm.transactions.Transactional

class BookService {

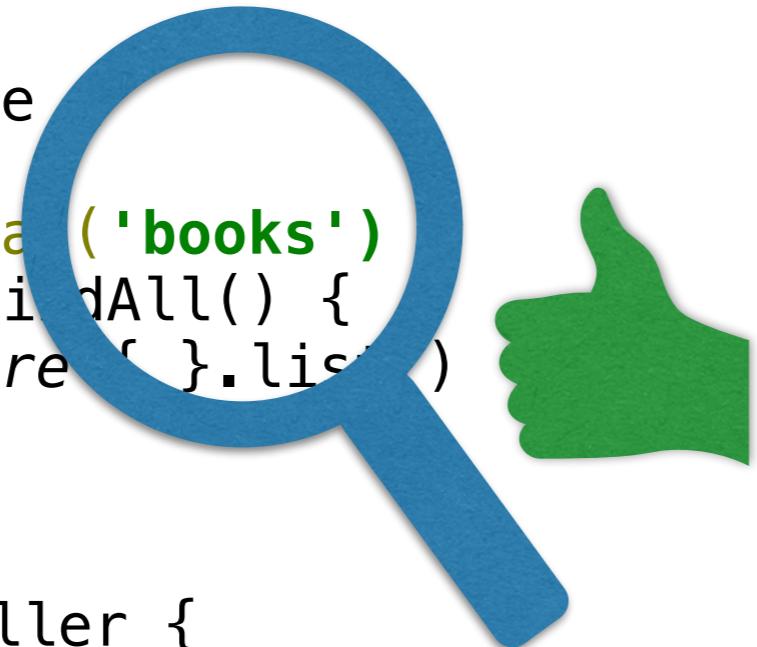
    @Transactional('books')
    List<Book> findAll() {
        Book.where().list()
    }
}

class BookController {

    BookService bookService

    def index() {
        List<Book> bookList = bookService.findAll()
        render "Books: ${bookList*.title.join(' ')}"
    }
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```





3.3.1



6.1.7

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class Book {  
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3.3.1



6.1.7

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class Book {  
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class BookController {  
  
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        int count = Book.withTransaction(readOnly: true) {  
            Book.count()  
        }  
        render "# of Books: ${count}"  
    }  
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```



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