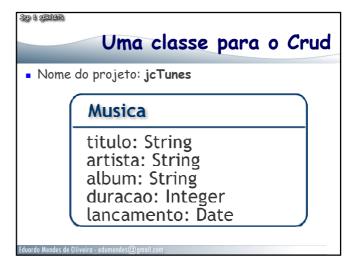
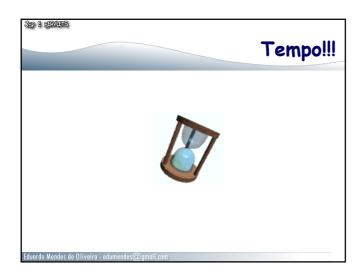


Criação de projeto e Crud em 5 minutos



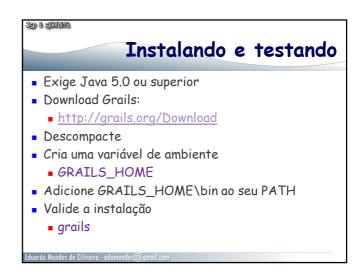








Um gostinho de Grails

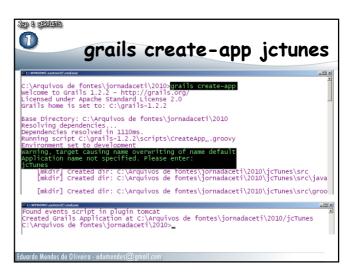


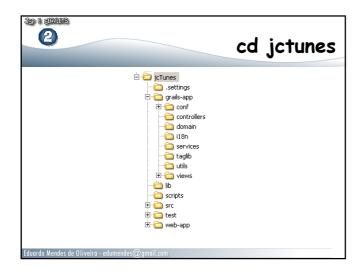
...Use 'grails help' for more info or...

Criando a primeira aplicação:
6 passos

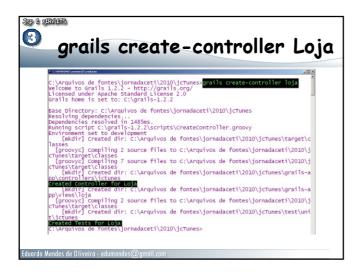
Executar o comando para criar a aplicação
grails create-app jctunes
Navegar até o diretório da nova aplicação
cd jctunes
Criar nosso primeiro controlador
grails create-controller loja
Escrever algum código no melhor estilo hello...
Escrever o código de teste e executar os testes
grails test-app
Executar a aplicação
grails run-app

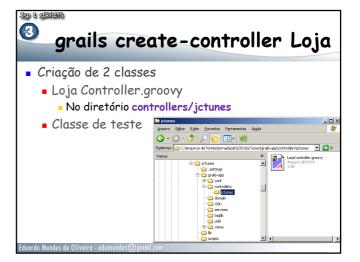












```
Exibindo uma mensagem

Para todo controlador, por default
Grails cria uma ação chamada index
package jctunes

class LojaController {
def index = { }
}

Por convenção tenta renderizar uma view
chamada grails-app/views/loja/index.gsp
```

```
render

1 dos métodos implícitos

package jctunes

class LojaController {
  def index = {
    render "Seja benvindo a Loja jcTunes!"
  }
}
```



```
Escrevendo o código de testes

package jctunes
import grails.test.*

class LojaControllerTests extends ControllerUnitTestCase {
    protected void setUp() {
        super.setUp() }
    }
    rotected void tearDown() {
        super.tearDown() }

    void testPaginaPrincipal() {
        controller.index()
        assertEquals "Seja benvindo a Loja jcTunes!",
        controller.response.contentAsString
    }
}

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```



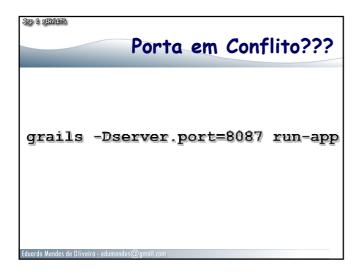




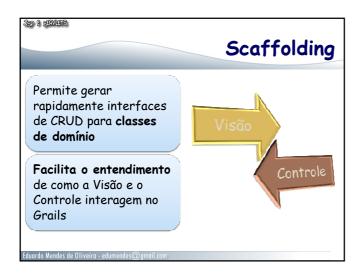




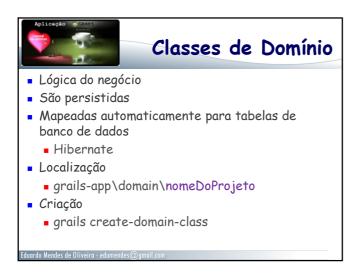


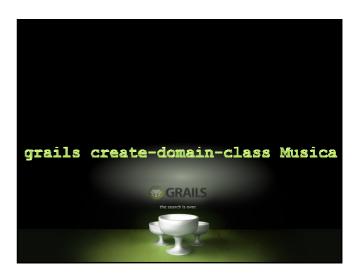


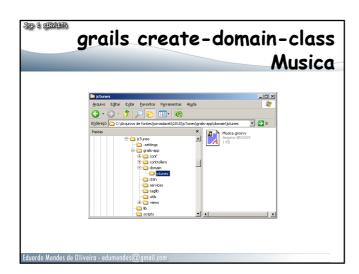












```
grails create-domain-class
Musica

package jcTunes

class Musica {

static constraints = {
}
}
```



```
grails create-domain-class
Musica

package jcTunes

class Musica {

String titulo

String artista

Integer duracao

Date lancamento

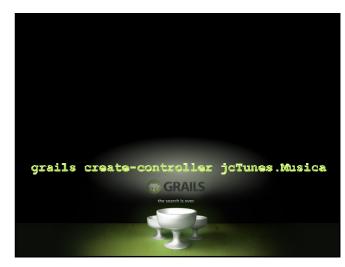
static constraints = {

}

}

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```





```
grails create-controller
jcTunes.Musica

package jcTunes

class MusicaController {

def index = {
 }
}
```

```
Habilitando

o Scaffolding dinâmico

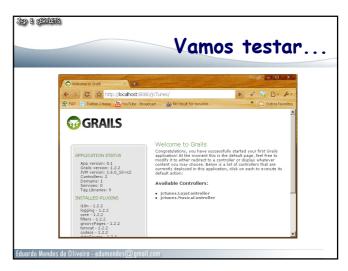
package jcTunes

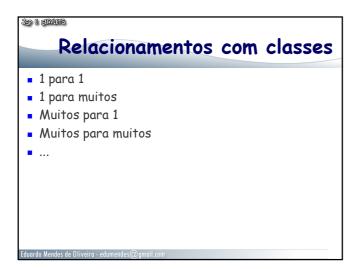
class MusicaController {

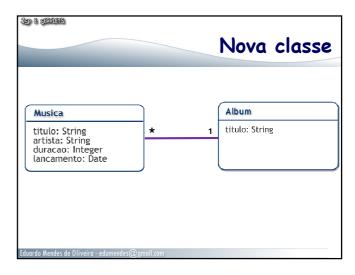
def scaffold = Musica
}

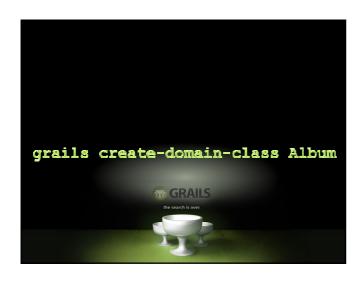
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```

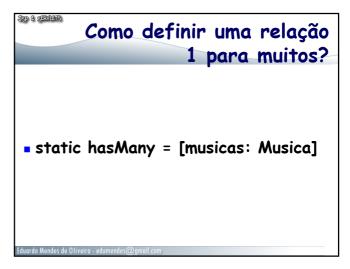












```
Classe Album

package jcTunes

class Album {
  String titulo

  static hasMany = [musica: Musica]

  static constraints = {
  }
}

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```

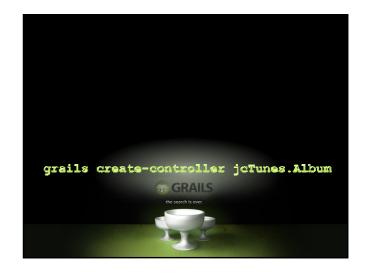
```
static hasMany = [musica: Musica]

• Esta relação é unidirecional

• Para torná-la bidirecional inclua uma referência de Album na classe Musica
```

```
Altere a classe Musica
para tornar a relação bi-direcional
package jcTunes

class Musica {
...
Album album
...
}
```



```
AlbumController

package jcTunes

class AlbumController {

def scaffold = Album
}
```



