



Forms & Validation

in Symfony 2
















Demodate

- This value is not valid.

2013 - - 31

10 : 00

Create



Exception detected!

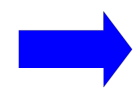


An exception occurred during, demoText, with params {"14": "keine @ e m



SQL 230
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500 Internal Server Error




Demofloat

Demoemail

Demodate - - : :

HTML



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2013 - - 31

10 : 00

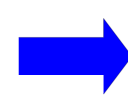

php

Exception detected!

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SQL 230 ntra al'

500 Internal Server Error





Demofloat

Demoemail

Demodate - -

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HTML5

Demodate

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2013 - - 31

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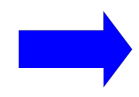
php

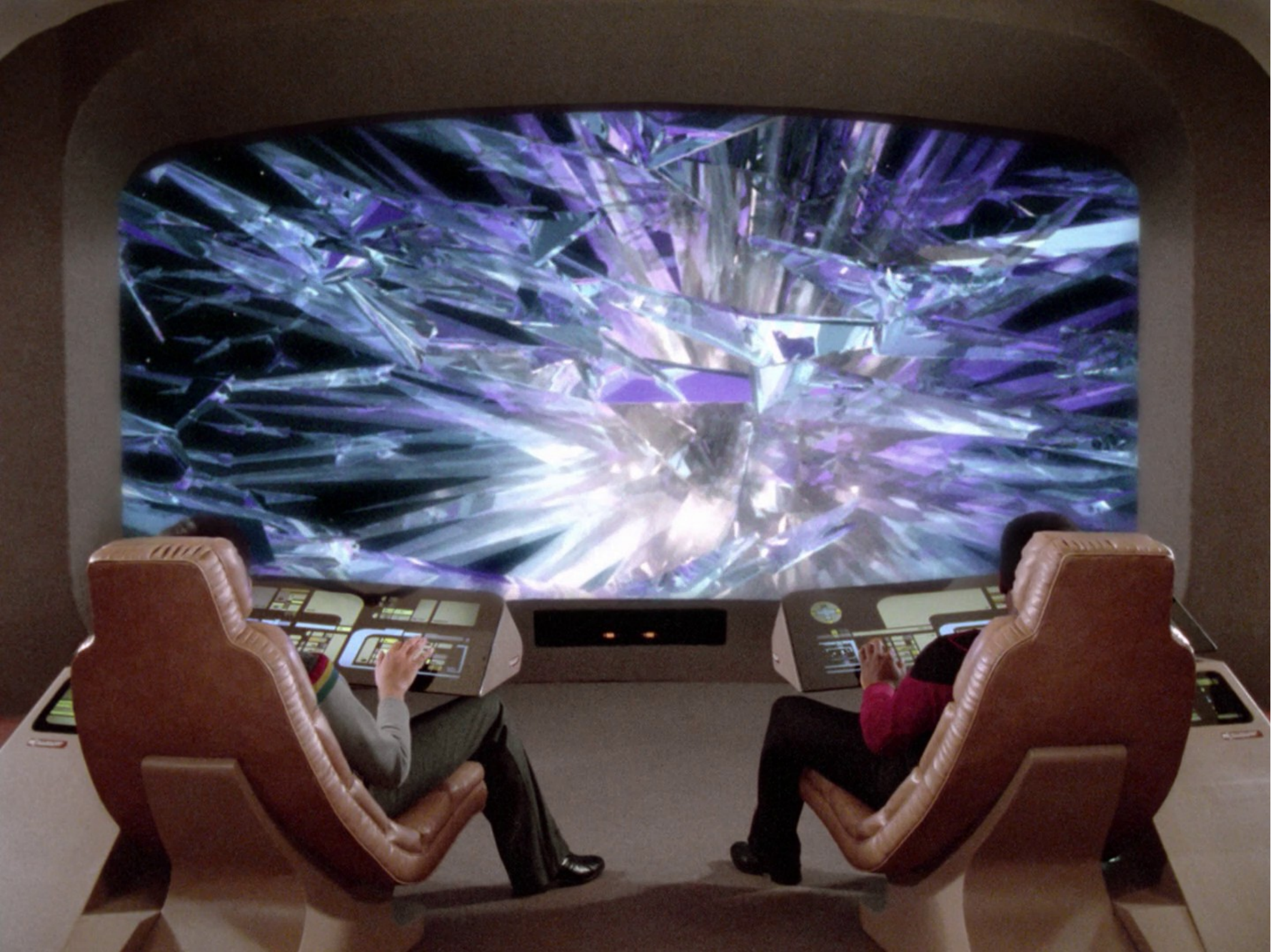
Exception detected!

An exception occurred during the execution of the request, demoText, with params {"14": "keine @ e m"

SQL Error: 10230: ntra... al'

500 Internal Server Error





"Gets Under Your Skin
And Knocks You Out Of Your Seat!"
-The New York Post

THE ENTITY

Barbara Hershey

A STORY
SO SHOCKING,
SO THREATENING,
IT WILL FRIGHTEN YOU
BEYOND ALL
IMAGINATION



"Gets Under Your
And Knocks You Out Of
-The New York Po

THE ENTITY

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A STORY
SO SHOCKING,
SO THREATENING,
IT WILL FRIGHTEN YOU
BEYOND ALL
IMAGINATION

**A story so shocking, so threatening,
it will frighten you beyond all imagination.**

THE ENTITY

Based on a true story.

AMERICAN CINEMA PRODUCTIONS PRESENTS A SIDNEY FURIE FILM "THE ENTITY"
Starring BARBARA HERSHEY Music by CHARLES BERNSTEIN Executive Producers MICHAEL LEONE and ANDREW D.T. PEEFFER
Screenplay by FRANK DeFELITTA Based on the Novel by FRANK DeFELITTA Produced by HAROLD SCHNEIDER Directed by SIDNEY FURIE

R RESTRICTED
PARENT STRONG CAUTION
PARENT BY ADULT GUARDIAN

© 1983 TWENTIETH CENTURY FOX



"Gets Under Your
And Knocks You Out Of
-The New York Po

THE ENTITY

Barbara H

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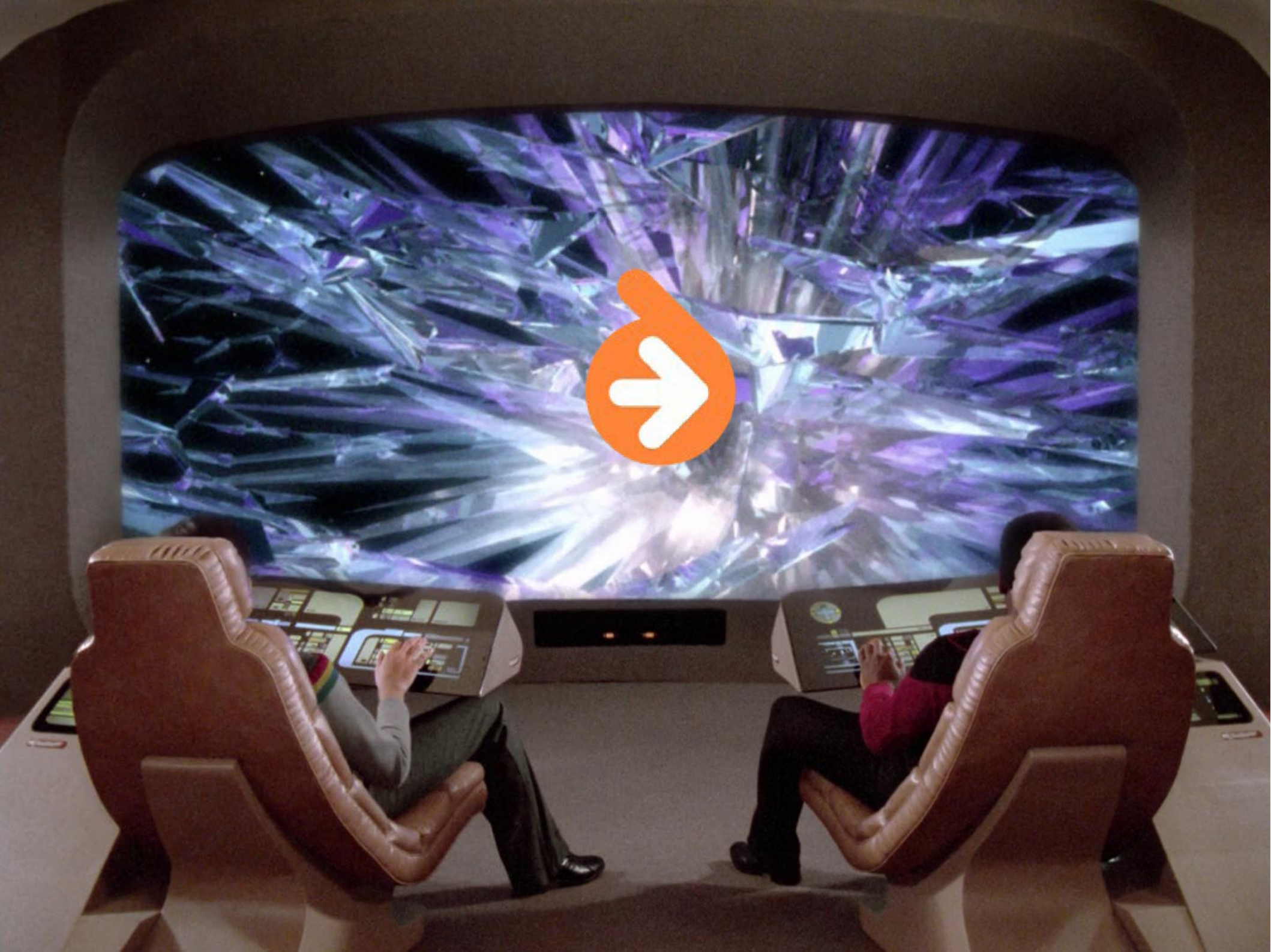
R RESTRICTED
PARENT STRONGLY CAUTIONED
SOME MATERIAL MAY BE INAPPROPRIATE FOR CHILDREN UNDER 17

© 1983 TW

ENTITY

DVD







Demofloat

Demoemail

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HTML5

Demodate

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2013 - - 31

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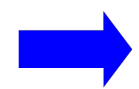
php

Exception detected!

An exception occurred during the execution of the request, demoText, with params {"14": "keine @ e m"

SQL Error: 23013: 'ntrol' has no default value

500 Internal Server Error




```
<?php
/**
 * @Entity
 */
class Demo
{ // ...
```

Demofloat

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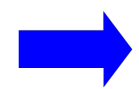
php

Exception detected!

An exception occurred during the request, demoText, with params {"1": "keine @ e m", "4": "keine @ e m"}

SQL Error: 1064 - You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'keine @ e m' at line 1

500 Internal Server Error

```
<?php
/**
 * @Entity
 */
class Demo
{ // ...
```


#	Name	Type	Collation
1	id	int(11)	
2	demoString	varchar(255)	utf8_unicode_ci
3	demoText	longtext	utf8_unicode_ci
4	demoFloat	double	
5	demoEmail	varchar(255)	utf8_unicode_ci
6	demoDate	datetime	

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4	demoFloat	double	
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SQL: ...

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Demostring

Demotext

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Demoemail

Demodate
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Create

```
<?php
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```

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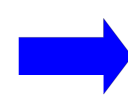


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```
<?php
/**
 * @Entity
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class Demo
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```

#	Name	Type	Collation
1	id	int(11)	
2	demoString	varchar(255)	utf8_unicode_ci
3	demoText	longtext	utf8_unicode_ci
4	demoFloat	double	
5	demoEmail	varchar(255)	utf8_unicode_ci
6	demoDate	datetime	

Demofloat

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500 Internal Server Error



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```
<?php
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#	Name	Type	Collation
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2	demoString	varchar(255)	utf8_unicode_ci
3	demoText	longtext	utf8_unicode_ci
4	demoFloat	double	
5	demoEmail	varchar(255)	utf8_unicode_ci
6	demoDate	datetime	

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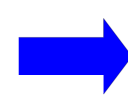


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```
<?php
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class Demo
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#	Name	Type	Collation
1	id	int(11)	
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4	demoFloat	double	
5	demoEmail	varchar(255)	utf8_unicode_ci
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SQL 230
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500 Internal Server Error



Demostring
Demotext
Demofloat

```
<?php  
/ **  
* @Entity
```

#	Name	Type	Collation
1	id	int(11)	

quickstart.git — bash — 114x50

```
<timon ~/MAMP_WWW/quickstart.git> app/console doctrine:generate:entity --entity="PhprogressFormDemoBundle:DemoClass" --format=annotation
```

```
Welcome to the Doctrine2 entity generator
```

This command helps you generate Doctrine2 entities.

First, you need to give the entity name you want to generate.
You must use the shortcut notation like `AcmeBlogBundle:Post`.

The Entity shortcut name [PhprogressFormDemoBundle:DemoClass]:

Determine the format to use for the mapping information.

Configuration format (yml, xml, php, or annotation) [annotation]:

Instead of starting with a blank entity, you can add some fields now.
Note that the primary key will be added automatically (named `id`).

Available types: array, simple_array, json_array, object,
boolean, integer, smallint, bigint, string, text, datetime, datetimetz,
date, time, decimal, float, blob, guid, json.

New field name (press <return> to stop adding fields):

Do you want to generate an empty repository class [no]? yes

```
Summary before generation
```

Demostring
Demotext
Demofloat

<?php

/**

*@Entity

| # | Name | Type | Collation |
|---|------|---------|-----------|
| 1 | id | int(11) | |

quickstart.git — bash — 114x50

```
<timon ~/MAMP_WWW/quickstart.git> app/console doctrine:generate:entity --entity="PhprogressFormDemoBundle:DemoClass" --format=annotation
```

<?php

// src/Phprogress/FormDemoBundle/Entity/DemoClass.php

namespace Phprogress\FormDemoBundle\Entity;

use Doctrine\ORM\Mapping as ORM;

/**

* DemoClass

*/

* @ORM\Table()

* @ORM\Entity(repositoryClass="Phprogress\FormDemoBundle\Entity\DemoClassRepository")

*/

class DemoClass

{

/**

* @var integer

*/

* @ORM\Column(name="id", type="integer")

* @ORM\Id

* @ORM\GeneratedValue(strategy="AUTO")

*/

private \$id;

/**

* Get id

*/

* @return integer

*/

public function getId()

{

return \$this->id;

}

Demostring
Demotext
Demofloat

```
<?php  
/**  
 * @Entity
```

| # | Name | Type | Collation |
|---|------|---------|-----------|
| 1 | id | int(11) | |

quickstart.git — bash — 114x50

```
<timon ~/MAMP_WWW/quickstart.git> app/console doctrine:generate:entity --entity="PhprogressFormDemoBundle:DemoClass" --format=annotation
```

```
<?php  
// src/Phprogress/FormDemoBundle/Entity/DemoClass.php  
  
namespace Phprogress\FormDemoBundle\Entity;  
  
use Doctrine\ORM\Mapping as ORM;  
  
/**  
 * DemoClass  
 *  
 * @ORM\Table()  
 * @ORM\Entity(repositoryClass="Phprogress\FormDemoBundle\Entity\DemoClassRepository")  
 */  
class DemoClass  
{  
    /**  
     * @var integer  
     *  
     * @ORM\Column(name="id", type="integer")  
     * @ORM\Id  
     * @ORM\GeneratedValue(strategy="AUTO")  
     */  
    private $id;  
  
    /**  
     * Get id  
     *  
     * @return integer  
     */  
    public function getId()  
    {  
        return $this->id;  
    }  
}
```

Demostring

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```
<?php
/**
 * @Entity

```

| # | Name | Type | Collation |
|---|------|---------|-----------|
| 1 | id | int(11) | |

```
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s" --format=annotation
```

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```
<?php
// src/Phprogress/FormDemoBundle/Entity/DemoClass.php

namespace Phprogress\FormDemoBundle\Entity;

use Doctrine\ORM\Mapping as ORM;

/**
 * DemoClass
 *
 * @ORM\Table()
 * @ORM\Entity(repositoryClass="Phprogress\FormDemoBundle\Entity\DemoClassRepository")
 */
class DemoClass
{
    /**
     * @var integer
     *
     * @ORM\Column(name="id", type="integer")
     * @ORM\Id
     * @ORM\GeneratedValue(strategy="AUTO")
     */
    private $id;

    /**
     * @ORM\Column(type="string", length=255, unique=true)
     */
    private $demoString;

    /**
     * Get id
     *
     * @return integer
     */
    private $demoText;

    public function (
    {
        return $this;
    }

    /**
     * @ORM\Column(type="float")
     */

```

Demostring
Demotext
Demofloat

```
<?php  
/ **  
* @Entity
```

| # | Name | Type | Collation |
|---|------|---------|-----------|
| 1 | id | int(11) | |

```
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s" --format=annotation
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```
<?php  
// src/Phprogress/FormDemoBundle/Entity/DemoClass.php  
  
namespace Phprogress\FormDemoBundle\Entity;  
  
use Doctrine\ORM\Mapping as ORM;  
  
/**  
 * DemoClass  
 *  
 * @ORM\Table()  
 * @ORM\Entity(repositoryClass="Phprogress\FormDemoBundle\Entity\DemoClassRepository")  
 */  
class DemoClass  
{  
    /**  
     * @var integer  
     *  
     * @ORM\Column(name="id", type="integer")  
     * @ORM\Id  
     * @ORM\GeneratedValue(strategy="AUTO")  
     */  
    private $id;  
  
    /**  
     * @ORM\Column(type="string", length=255, unique=true)  
     */  
    private $demoString;  
  
    /**  
     * @ORM\Column(type="text", nullable=true)  
     */  
    private $demoText;  
  
    private $demoInt;  
  
    /**  
     * @ORM\Column(type="float")  
     */  
}
```


Demostring

Demotext

Demofloat

<?php

/**

* @Entity

| # | Name | Type | Collation |
|---|------|---------|-----------|
| 1 | id | int(11) | |

```
<timeon ~/MAMP_WWW/quickst
s" --format=annotation
```

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```
<?php
// src/Phprogress/FormDemo
namespace Phprogress\FormD
```

```
use Doctrine\ORM\Mapping as ORM;
/**
 * DemoClass
 * @ORM\Table()
 * @ORM\Entity(repositoryClass="Phprogress\FormDemo\Entity\DemoClassRepository")
 */
class DemoClass
{
    /**
     * @var integer
     * @ORM\Column(type="integer")
     * @ORM\Id
     * @ORM\GeneratedValue(strategy="AUTO")
     */
    private $id;

    /**
     * @ORM\Column(type="string")
     */
    private $demoString;

    /**
     * @ORM\Column(type="text")
     */
    private $demoText;

    /**
     * @ORM\Column(type="float")
     */
    private $demoInt;
```

```

}

/**
 * Get id
 *
 * @return integer
 */
public function getId()
{
    return $this->id;
}

/**
 * Set demoString
 *
 * @param string $demoString
 * @return DemoClass
 */
public function setDemoString($demoString)
{
    $this->demoString = $demoString;
    return $this;
}

/**
 * Get demoString
 *
 * @return string
 */
public function getDemoString()
{
    return $this->demoString;
}

/**
 * Set demoText
 *
 * @param string $demoText
 * @return DemoClass
 */
public function setDemoText($demoText)
{
    $this->demoText = $demoText;
    return $this;
}

/**
 * Get demoText
 *
 * @return string
 */
public function getDemoText()
{
    return $this->demoText;
}

/**
 * Set demoInt
 *
 * @param float $demoInt
 * @return DemoClass
 */
public function setDemoInt($demoInt)
{
    $this->demoInt = $demoInt;
    return $this;
}

/**
 * Get demoInt
 *
 * @return float
 */
public function getDemoInt()
{
    return $this->demoInt;
}
}
```

```

/**
 * Get demoFloat
 *
 * @return float
 */
public function getDemoFloat()
{
    return $this->demoFloat;
}

/**
 * Set demoEmail
 *
 * @param string $demoEmail
 * @return DemoClass
 */
public function setDemoEmail($demoEmail)
{
    $this->demoEmail = $demoEmail;
    return $this;
}

/**
 * Get demoEmail
 *
 * @return string
 */
public function getDemoEmail()
{
    return $this->demoEmail;
}

/**
 * Set demoDate
 *
 * @param \DateTime $demoDate
 * @return DemoClass
 */
public function setDemoDate($demoDate)
{
    $this->demoDate = $demoDate;
    return $this;
}

/**
 * Get demoDate
 *
 * @return \DateTime
 */
public function getDemoDate()
{
    return $this->demoDate;
}
}
```

```

DemoClass
generate:entities
```

Demostring
Demotext
Demofloat

<?php

/**

* @Entity

| # | Name | Type | Collation |
|---|------|---------|-----------|
| 1 | id | int(11) | |

```
<?php
// src/Phprogress/FormDemo
namespace Phprogress\FormDemo
use Doctrine\ORM\Mapping as ORM;
/**
 * DemoClass
 * @ORM\Table()
 * @ORM\Entity(repositoryClass="Phprogress\FormDemo\Repository\DemoClassRepository")
 */
class DemoClass
{
    /**
     * @var integer
     */
    /**
     * @ORM\Column(type="string", length=255)
     */
    private $demoString;
    /**
     * @ORM\Column(type="text")
     */
    private $demoText;
    /**
     * @ORM\Column(type="float")
     */
    private $demoFloat;
    /**
     * Get id
     * @return integer
     */
    public function getId()
    {
        return $this->id;
    }
}
```

Welcome to this application. First, you must determine the configuration. Instead of Note, available boolean date, New file. Do you want to summarize?

```
<?php
// src/Phprogress/FormDemo
namespace Phprogress\FormDemo
use Doctrine\ORM\Mapping as ORM;
/**
 * DemoClass
 * @ORM\Table()
 * @ORM\Entity(repositoryClass="Phprogress\FormDemo\Repository\DemoClassRepository")
 */
class DemoClass
{
    /**
     * @var integer
     */
    /**
     * @ORM\Column(type="string", length=255)
     */
    private $id;
    /**
     * @ORM\Column(type="string", length=255)
     */
    private $demoString;
    /**
     * @ORM\Column(type="text")
     */
    private $demoText;
    /**
     * @ORM\Column(type="float")
     */
    private $demoInt;
    /**
     * @ORM\Column(type="float")
     */
    private $demoDate;
}
```

```
/**
 * Get demoFloat
 * @return float
 */
public function getDemoFloat()
{
    return $this->demoFloat;
}

/**
 * Set demoEmail
 * @param string $demoEmail
 * @return DemoClass
 */
public function setDemoEmail($demoEmail)
{
    $this->demoEmail = $demoEmail;
    return $this;
}

/**
 * Get demoEmail
 * @return string
 */
public function getDemoEmail()
{
    return $this->demoEmail;
}

/**
 * Set demoDate
 * @param \DateTime $demoDate
 * @return DemoClass
 */
```

```
generate:entities
```


Demostring

Demotext

Demofloat

Demoemail

Demodate
 - -
 :

Create

```
<?php
/**
 * @Entity
 */
class Demo
{ // ...
```

| # | Name | Type | Collation |
|----------------------------|-------------------|--------------|-----------------|
| <input type="checkbox"/> 1 | id | int(11) | |
| <input type="checkbox"/> 2 | demoString | varchar(255) | utf8_unicode_ci |
| <input type="checkbox"/> 3 | demoText | longtext | utf8_unicode_ci |
| <input type="checkbox"/> 4 | demoFloat | double | |
| <input type="checkbox"/> 5 | demoEmail | varchar(255) | utf8_unicode_ci |
| <input type="checkbox"/> 6 | demoDate | datetime | |

Demofloat

Demoemail

Demodate
 - -
 :

Create

HTML

Demodate

- This value is not valid.

2013 - - 31
 10 : 00

Create

php

Exception detected!

An exception occurred during the request, demoText, with params {"1", "4": "keine @ e m"

SQL Error: 1064 - You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'mal' at line 1

500 Internal Server Error



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Create

```
<?php
/**
 * @Entity
 */
class Demo
{ // ...
```

| # | Name | Type | Collation |
|---|------------|--------------|-----------------|
| 1 | id | int(11) | |
| 2 | demoString | varchar(255) | utf8_unicode_ci |
| 3 | demoText | longtext | utf8_unicode_ci |
| 4 | demoFloat | double | |
| 5 | demoEmail | varchar(255) | utf8_unicode_ci |
| 6 | demoDate | datetime | |

Demofloat

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! Füllen Sie dieses Feld aus.



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2013 - - 31
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Create

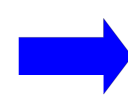


Exception detected!

An exception occurred during the request, demoText, with params {"1": "keine @ e m", "4": "keine @ e m"}

SQL Error: 1064 - You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '...' at line 1

500 Internal Server Error



Demostring

Demotext

Demofloat

Demoemail

Demodate - -

:

```
<?php
/**
 * @Entity
 */
class Demo
{ // ...
```

| # | Name | Type | Collation |
|--------------------------|---------------------|--------------|-----------------|
| <input type="checkbox"/> | 1 id | int(11) | |
| <input type="checkbox"/> | 2 demoString | varchar(255) | utf8_unicode_ci |
| <input type="checkbox"/> | 3 demoText | longtext | utf8_unicode_ci |
| <input type="checkbox"/> | 4 demoFloat | double | |
| <input type="checkbox"/> | 5 demoEmail | varchar(255) | utf8_unicode_ci |
| <input type="checkbox"/> | 6 demoDate | datetime | |

```
quickstart.git — bash — 72x14
<timon ~/MAMP_WWW/quickstart.git> php app/console doctrine:generate:form
PhprogressFormDemoBundle:DemoClass
The new DemoClassType.php class file has been created under /Users/timon
~/MAMP_WWW/quickstart.git/src/Phprogress/FormDemoBundle/Form/DemoClassTyp
e.php.
<timon ~/MAMP_WWW/quickstart.git>
<timon ~/MAMP_WWW/quickstart.git>
<timon ~/MAMP_WWW/quickstart.git>
<timon ~/MAMP_WWW/quickstart.git>
<timon ~/MAMP_WWW/quickstart.git>
<timon ~/MAMP_WWW/quickstart.git>
<timon ~/MAMP_WWW/quickstart.git>
<timon ~/MAMP_WWW/quickstart.git>
<timon ~/MAMP_WWW/quickstart.git>
```

Exception detected!

An exception occurred during the execution of your request. The exception message was: "An exception occurred during the execution of your request. The exception message was: 'keine @ e m'".

SQL Error: 1064 - You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'keine @ e m' at line 4

500 Internal Server Error



Demostring

Demotext

Demofloat

Demoemail

Demodate
 - -
 :

Create

```
<?php
/**
 * @Entity
 */
class Demo
{ // ...
```

| # | Name | Type | Collation |
|---|------------|--------------|-----------------|
| 1 | id | int(11) | |
| 2 | demoString | varchar(255) | utf8_unicode_ci |
| 3 | demoText | longtext | utf8_unicode_ci |
| 4 | demoFloat | double | |
| 5 | demoEmail | varchar(255) | utf8_unicode_ci |
| 6 | demoDate | datetime | |

```
<?php
namespace Phprogress\FormDemoBundle\Form;

use Symfony\Component\Form\AbstractType;
use Symfony\Component\Form\FormBuilderInterface;
use Symfony\Component\OptionsResolver\OptionsResolverInterface;

class DemoClassType extends AbstractType
{
    public function buildForm(FormBuilderInterface $builder, array $options)
    {
        $builder
            ->add('demoString')
            ->add('demoText')
            ->add('demoFloat')
            ->add('demoEmail')
            ->add('demoDate')
        ;
    }

    public function setDefaultOptions(OptionsResolverInterface $resolver)
    {
        $resolver->setDefaults(array(
            'data_class' => 'Phprogress\FormDemoBundle\Entity\DemoClass'
        ));
    }
}
```

Exception detected!

An exception occurred during the request, demoText, with params {"1": "1", "4": "keine @ e m"}

SQL Error: 1064 - You have an error in your SQL syntax; check the manual for the correct usage near 'nt' at line 1

500 Internal Server Error



Demostring

Demotext

Demofloat

Demoemail

Demodate - -

```
<?php
/**
 * @Entity
 */
class Demo
```

| # | Name | Type | Collation |
|--------------------------|---------------------|--------------|-----------------|
| <input type="checkbox"/> | 1 id | int(11) | |
| <input type="checkbox"/> | 2 demoString | varchar(255) | utf8_unicode_ci |
| <input type="checkbox"/> | 3 demoText | longtext | utf8_unicode_ci |
| <input type="checkbox"/> | 4 demoFloat | double | |

```
quickstart.git — bash — 92x50
<timon ~/MAMP_WWW/quickstart.git> php app/console doctrine:generate:crud --entity="PhprogressFormDemoBundle:DemoClass" --route-prefix="formdemo_crud" --with-write --format="annotation"
```

Welcome to the Doctrine2 CRUD generator

This command helps you generate CRUD controllers and templates.
 First, you need to give the entity for which you want to generate a CRUD.
 You can give an entity that does not exist yet and the wizard will help you defining it.

You must use the shortcut notation like `AcmeBlogBundle:Post`.

The Entity shortcut name [`PhprogressFormDemoBundle:DemoClass`]:

By default, the generator creates two actions: list and show.
 You can also ask it to generate "write" actions: new, update, and delete.

Do you want to generate the "write" actions [yes]?

Determine the format to use for the generated CRUD.

Configuration format (yml, xml, php, or annotation) [annotation]:

Determine the routes prefix (all the routes will be "mounted" under this prefix: /prefix/, /prefix/new, ...).

Routes prefix [/formdemo_crud]:

Summary before generation

You are going to generate a CRUD controller for "`PhprogressFormDemoBundle:DemoClass`"

```
<?php
namespace Phprog
use Symfony\Component
use Symfony\Component
use Symfony\Component
class DemoClass
{
public function
{
    $builder
    ->ac
    ->ac
    ->ac
    ->ac
    ->ac
};
public function
{
    $resolve
    'dat
});
}
```

An exception occuring, demoText, with params {"14": "keine @ e m

SQL 230 ntra mal' 500 Internal Server Error



Demostring

Demotext

Demofloat

Demoemail

Demodate
 - -

<?php

```

/**
 * @Entity
 */

```



| # | Name | Type | Collation |
|--------------------------|--------------|--------------|-----------------|
| <input type="checkbox"/> | 1 id | int(11) | |
| <input type="checkbox"/> | 2 demoString | varchar(255) | utf8_unicode_ci |
| <input type="checkbox"/> | 3 demoText | longtext | utf8_unicode_ci |
| <input type="checkbox"/> | 4 demoFloat | double | |

```

<?php
namespace Phprog
use Symfony\Comp
use Symfony\Comp
use Symfony\Comp
class DemoClass
{
public funct
{
    $builder
    ->ad
    ->ad
    ->ad
    ->ad
    ->ad
}
}
public funct
{
    $resolve
    'dat
));
}
}

```

Welcome

This comman

First, you

You can giv

you definit

You must us

The Entity

By default

You can als

Do you want

Determine

Configurat

Determine

prefix: /p

Routes pre

Summary

You are go

```

<?php
// src/Phprogress/FormDemoBundle/Controller/DemoClassController.php

namespace Phprogress\FormDemoBundle\Controller;

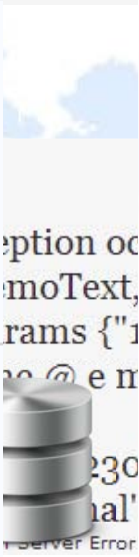
use Symfony\Component\HttpFoundation\Request;
use Symfony\Bundle\FrameworkBundle\Controller\Controller;
use Sensio\Bundle\FrameworkExtraBundle\Configuration\Method;
use Sensio\Bundle\FrameworkExtraBundle\Configuration\Route;
use Sensio\Bundle\FrameworkExtraBundle\Configuration\Template;
use Phprogress\FormDemoBundle\Entity\DemoClass;
use Phprogress\FormDemoBundle\Form\DemoClassType;

/**
 * DemoClass controller.
 */
 * @Route("/formdemo_crud")
 */
class DemoClassController extends Controller
{
    /**
     * Lists all DemoClass entities.
     *
     * @Route("/", name="formdemo_crud")
     * @Template()
     */
    public function indexAction()
    {
        $em = $this->getDoctrine()->getManager();

        $entities = $em->getRepository('PhprogressFormDemoBundle:DemoClass')->findAll();

        return array(
            'entities' => $entities,
        );
    }
}

```



```
/**
 * Displays a form to create a new DemoClass entity.
 *
 * @Route("/new", name="formdemo_crud_new")
 * @Template()
 */
public function newAction()
{
    $entity = new DemoClass();
    $form   = $this->createForm(new DemoClassType(), $entity);

    return array(
        'entity' => $entity,
        'form'   => $form->createView(),
    );
}
```



```

/**
 * Displays a form to create a new DemoClass entity.
 *
 * @Route("/new", name="formdemo_crud_new")
 * @Template()
 */
public function newAction()
{
    $entity = new DemoClass();
    $form   = $this->createForm(new DemoClassType(), $entity);

    return array(
        'entity' => $entity,
        'form'   => $form->createView(),
    );
}

```

```
<h1>DemoClass creation</h1>
```

```

<form action="{{ path('formdemo_crud_create') }}" method="post" {{ form_enctype(form) }}>
    {{ form_widget(form) }}
    <p>
        <button type="submit">Create</button>
    </p>
</form>

```

```

/**
 * Displays a form to create a new DemoClass entity.
 *
 * @Route("/new", name="formdemo_crud_new")
 * @Template()
 */
public function newAction()
{
    $entity = new DemoClass();
    $form   = $this->createForm(new DemoClassType(), $entity);

    return array(
        'entity' => $entity,
        'form'   => $form->createView(),
    );
}

```

```

<h1>DemoClass creation</h1>

```

```

<form action="{{ path('formdemo_crud_create') }}" method="post" {{
    {{ form_widget(form) }}
    <p>
        <button type="submit">Create</button>
    </p>
</form>

```

The screenshot shows a web browser window at localhost:8888/quickstart. The page title is "DemoClass creation". The form contains the following elements:

- A label "Demostring" followed by a text input field.
- A label "Demotext" followed by a text area.
- A label "Demofloat" followed by a text input field.
- A label "Demoemail" followed by a text input field.
- A label "Demodate" followed by three date pickers (month, day, year) separated by dashes.
- A label followed by a time picker (hour and minute) separated by a colon.
- A "Create" button.
- A link "Back to the list" with a bullet point.

Demostring

Demotext

Demofloat

Demoemail

Demodate
 - -
 :

Create

```
<?php
/**
 * @Entity
 */
class Demo
{ // ...
```

| # | Name | Type | Collation |
|---|------------|--------------|-----------------|
| 1 | id | int(11) | |
| 2 | demoString | varchar(255) | utf8_unicode_ci |
| 3 | demoText | longtext | utf8_unicode_ci |
| 4 | demoFloat | double | |
| 5 | demoEmail | varchar(255) | utf8_unicode_ci |
| 6 | demoDate | datetime | |

Demofloat

Demoemail

Demodate
 - -
 :

! Füllen Sie dieses Feld aus.

Create



Demodate

- This value is not valid.

2013 - - 31
 10 : 00

Create

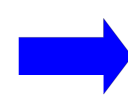


Exception detected!

An exception occurred during the request, demoText, with params {"1": "keine @ e m", "4": "keine @ e m"}

SQL Error: 1064 - You have an error in your SQL syntax; check the manual for the correct usage near '...' at line 1

500 Internal Server Error



Demostring

Demotext

Demofloat

Demoemail

Demodate
 - -
 :

Create

```
<?php
/**
 * @Entity
 */
class Demo
{ // ...
```

| # | Name | Type | Collation |
|--------------------------|--------------|--------------|-----------------|
| <input type="checkbox"/> | 1 id | int(11) | |
| <input type="checkbox"/> | 2 demoString | varchar(255) | utf8_unicode_ci |
| <input type="checkbox"/> | 3 demoText | longtext | utf8_unicode_ci |
| <input type="checkbox"/> | 4 demoFloat | double | |
| <input type="checkbox"/> | 5 demoEmail | varchar(255) | utf8_unicode_ci |
| <input type="checkbox"/> | 6 demoDate | datetime | |

Demofloat

Demoemail

Demodate

- -
 :

Create



Demodate

- This value is not valid.

2013 - - 31
 10 : 00

Create

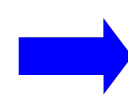


Exception detected!

An exception occurred during the request, demoText, with params {"1": "keine @ e m", "4": "keine @ e m"}

SQL Error: 1064 - You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '...' at line 1

500 Internal Server Error



```
<?php
// src/Phprogress/FormDemoBundle/Entity/DemoClass.php

namespace Phprogress\FormDemoBundle\Entity;

use Doctrine\ORM\Mapping as ORM;
use Symfony\Component\Validator\Constraints as Assert;

/**
 * DemoClass
 *
 * @ORM\Table()
 * @ORM\Entity(repositoryClass="Phprogress\FormDemoBundle\Entity\DemoClassRepository")
 */
class DemoClass
{
    /**
     * @var integer
     *
     * @ORM\Column(name="id", type="integer")
     * @ORM\Id
     * @ORM\GeneratedValue(strategy="AUTO")
     */
    private $id;

    /**
     * @ORM\Column(type="string", length=255, unique=true)
     * @Assert\Length(min = "4", max = "8")
     */
    private $demoString;
```

```
<?php
// src/Phprogress/FormDemoBundle/Entity/DemoClass.php

namespace Phprogress\FormDemoBundle\Entity;

use Doctrine\ORM\Mapping as ORM;
use Symfony\Component\Validator\Constraints as Assert;

/**
 * DemoClass
 *
 * @ORM\Table()
 * @ORM\Entity(repositoryClass="Phprogress\FormDemoBundle\Entity\DemoClassRepository")
 */
class DemoClass
{
    /**
     * @var integer
     *
     * @ORM\Column(name="id", type="integer")
     * @ORM\Id
     * @ORM\GeneratedValue(strategy="AUTO")
     */
    private $id;

    /**
     * @ORM\Column(type="string", length=255, unique=true)
     * @Assert\Length(min = "4", max = "8")
     */
    private $demoString;
```

```
<?php
```

```
// src/Phprogress/FormDemoBundle/Entity/DemoClass.php
```

```
namespace Phprogress\FormDemoBundle\Entity;
```

```
use Doctrine\ORM\Mapping as ORM;
```

```
use Symfony\Component\Validator\Constraints as Assert;
```

```
/**  
 * DemoClass  
 *  
 * @ORM\Table()  
 * @ORM\Entity(repositoryClass=DemoClassRepository::class)  
 */
```

```
class DemoClass
```

```
{  
    /**  
     * @var integer  
     *  
     * @ORM\Column(name="id", type="integer", nullable=false)  
     * @ORM\Id  
     * @ORM\GeneratedValue(strategy="SEQUENCE")  
     */
```

```
    private $id;
```

```
    /**  
     * @ORM\Column(type="string", length=255, unique=true)  
     * @Assert\Length(min = "4", max = "8")  
     */
```

```
    private $demoString;
```

Number Constraints

- Max
- Min
- Range

Date Constraints

- Date
- DateTime
- Time

```
    private $demoString; // @ORM\Column(name="demo_string", type="string", length=255, unique=true)  
}
```

```
<?php
```

```
// src/Phprogress/FormDemoBundle/Entity/DemoClass.php
```

```
namespace Phprogress\FormDemoBundle\Entity;
```

```
use Doctrine\ORM\Mapping as ORM;
```

```
use Symfony\Component\Validator\Constraints as Assert;
```

```
/**
```

```
 * DemoClass
```

```
 *
```

```
 * @ORM\Table()
```

```
 * @ORM\Entity(repositoryClass=
```

```
 */
```

```
class DemoClass
```

```
{
```

```
    /**
```

```
     * @var integer
```

```
     *
```

```
     * @ORM\Column(name="id",
```

```
     * @ORM\Id
```

```
     * @ORM\GeneratedValue(st
```

```
     */
```

```
    private $id;
```

```
    /**
```

```
     * @ORM\Column(type="string", length=255, unique=true)
```

```
     * @Assert\Length(min = "4", max = "8")
```

```
     */
```

```
    private $demoString;
```

Number Constraints

- Max
- Min
- Range

Date Constraints

- Date
- DateTime
- Time

Collection Constraints

- Choice
- Collection
- Count
- UniqueEntity
- Language
- Locale
- Country

File Constraints

- File
- Image

Other Constraints

- Callback
- All
- UserPassword
- Valid

Basic Constraints

These are the basic constraints: use them to assert very basic things about the value of properties or the return value of methods on your object.

- NotBlank
- Blank
- NotNull
- Null
- True
- False
- Type

Number Constraints

- Max
- Min
- Range

String Constraints

- Email
- MinLength
- MaxLength
- Length
- Url
- Regex
- Ip

Date Constraints

- Date
- DateTime
- Time

Collection Constraints

- Choice
- Collection
- Count
- UniqueEntity
- Language
- Locale
- Country

File Constraints

- File
- Image

Other Constraints

- Callback
- All
- UserPassword
- Valid

```
* @Assert\Length(min = "4", max = "8")  
*/
```

```
private $demoString;
```

Basic Constraints

These are the basic constraints: use them to assert very basic things about the value of properties or the return value of methods on your object.

- NotBlank
- Blank
- NotNull
- Null
- True
- False
- Type

Number Constraints

- Max
- Min
- Range

String Constraints

- Email
- MinLength
- MaxLength
- Length
- Url
- Regex
- Ip

Date Constraints

- Date
- DateTime
- Time

Collection Constraints

- Choice
- Collection
- Count
- UniqueEntity
- Language
- Locale
- Country

File Constraints

- File
- Image

Other Constraints

- Callback
- All
- UserPassword
- Valid

```
* @Assert\Length(min = "4", max = "8")  
*/
```

```
private $demoString;
```

Basic Constraints

These are the basic constraints: use them to assert very basic things about the value of properties or the return value of methods.

- [NotBlank](#)
- [Blank](#)
- [NotNull](#)
- [Null](#)
- [True](#)
- [False](#)
- [Type](#)

String Constraints

- [Email](#)
- [MinLength](#)
- [MaxLength](#)
- [Length](#)
- [Url](#)
- [Regex](#)
- [Ip](#)

[Home](#) » [Documentation](#) » [Reference Documents](#) » [Validation Constraints Reference](#) » [Email](#)

Email

2.1 version ▾

Validates that a value is a valid email address. The underlying value is cast to a string before being validated.

| | |
|------------|---|
| Applies to | property or method |
| Options | <ul style="list-style-type: none">• message• checkMX• checkHost |
| Class | Email |
| Validator | EmailValidator |

- [Date](#)
- [DateTime](#)
- [Time](#)
- [File](#)
- [Image](#)

Other Constraints

- [Callback](#)
- [All](#)
- [UserPassword](#)
- [Valid](#)

```

/**
 * Displays a form to create a new DemoClass entity.
 *
 * @Route("/new", name="formdemo_crud_new")
 * @Template()
 */
public function newAction()
{
    $entity = new DemoClass();
    $form   = $this->createForm(new DemoClassType(), $entity);

    return array(
        'entity' => $entity,
        'form'   => $form->createView(),
    );
}

```

```

<h1>DemoClass creation</h1>

```

```

<form action="{{ path('formdemo_crud_create') }}" method="post" {{
    {{ form_widget(form) }}
    <p>
        <button type="submit">Create</button>
    </p>
</form>

```

The screenshot shows a web browser window at localhost:8888/quickstart. The page title is "DemoClass creation". The form contains the following elements:

- A label "Demostring" followed by a text input field.
- A label "Demotext" followed by a text area.
- A label "Demofloat" followed by a text input field.
- A label "Demoemail" followed by a text input field.
- A label "Demodate" followed by three date pickers (month, day, year) separated by dashes.
- A label followed by a time picker (hour and minute) separated by a colon.
- A "Create" button.
- A link "Back to the list" with a bullet point.

```

/**
 * Creates a new DemoClass entity.
 *
 * @Route("/create", name="formdemo_crud_create")
 * @Method("POST")
 * @Template("PhprogreFormDemoBundle:DemoClass:new.html.twig")
 */
public function createAction(Request $request)
{
    $entity = new DemoClass();
    $form = $this->createForm(new DemoClassType(), $entity);
    $form->bind($request);

    if ($form->isValid()) {
        $em = $this->getDoctrine()->getManager();
        $em->persist($entity);
        $em->flush();

        return $this->redirect($this->generateUrl('formdemo_crud_show', array('id' => $entity->getId())));
    }

    return array(
        'entity' => $entity,
        'form' => $form->createView(),
    );
}

```

Demostring

Demotext

Demofloat

Demoemail

Demodate
 - -
 :

Create

```
<?php
/**
 * @Entity
 */
class Demo
{ // ...
```

| # | Name | Type | Collation |
|--------------------------|--------------|--------------|-----------------|
| <input type="checkbox"/> | 1 id | int(11) | |
| <input type="checkbox"/> | 2 demoString | varchar(255) | utf8_unicode_ci |
| <input type="checkbox"/> | 3 demoText | longtext | utf8_unicode_ci |
| <input type="checkbox"/> | 4 demoFloat | double | |
| <input type="checkbox"/> | 5 demoEmail | varchar(255) | utf8_unicode_ci |
| <input type="checkbox"/> | 6 demoDate | datetime | |

Demofloat

Demoemail

Demodate

- -
 :

Create



Demodate

- This value is not valid.

2013 - - 31
 10 : 00

Create



Exception detected!

An exception occurred, demoText, with params {"1", "4": "keine @ e m"

SQL: ... 230 ... ntra ... al'

500 Internal Server Error



Demostring

Demotext

Demofloat

Demoemail

Demodate
 - -
 :

Create

```
<?php
/**
 * @Entity
 */
class Demo
{ // ...
```

| # | Name | Type | Collation |
|---|------------|--------------|-----------------|
| 1 | id | int(11) | |
| 2 | demoString | varchar(255) | utf8_unicode_ci |
| 3 | demoText | longtext | utf8_unicode_ci |
| 4 | demoFloat | double | |
| 5 | demoEmail | varchar(255) | utf8_unicode_ci |
| 6 | demoDate | datetime | |

Demofloat

Demoemail

Demodate
 - -
 :

! Füllen Sie dieses Feld aus.

Create



Demodate

- This value is not valid.

2013 - - 31
 10 : 00

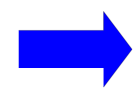
Create



Exception detected!

An exception occurred during the request, demoText, with params {"1": "keine @ e m", "4": "keine @ e m"}

SQL Error: 1064 - You have an error in your SQL syntax; check the manual for MySQL server error code: 500 Internal Server Error



Form Rendering Steuern

```
/**
 * Displays a form to create a new DemoClass entity.
 *
 * @Route("/new", name="formdemo_crud_new")
 * @Template()
 */
public function newAction()
{
    $entity = new DemoClass();
    $form   = $this->createForm(new DemoClassType(), $entity);

    return array(
        'entity' => $entity,
        'form'   => $form->createView(),
    );
}
```


Form Rendering Steuern

```
<h1>DemoClass creation</h1>
```

```
<form action="{{ path('formdemo_crud_create') }}" method="post" {{ form_ctype(form) }}>
  {{ form_widget(form) }}
  <p>
    <button type="submit">Create</button>
  </p>
</form>
```

Form Rendering Steuern

```
{ { form_widget(form) } }
```



Form Rendering Steuern

```
{{ form_widget(form) }}
```

```
{{ form_row(form.age) }}
```

Form Rendering Steuern

```
{{ form_widget(form) }}
```

```
{{ form_row(form.age) }}
```

```
<div>  
    {{ form_label(form.age) }}  
    {{ form_errors(form.age) }}  
    {{ form_widget(form.age) }}  
</div>
```

Form Rendering Steuern

```
{{ form_widget(form) }}
```

```
{{ form_row(form.age) }}
```

```
<div>  
    {{ form_label(form.age) }}  
    {{ form_errors(form.age) }}  
    {{ form_widget(form.age) }}  
</div>
```

```
<div>  
    <label for="form_age">Age</label>  
    <ul>  
        <li>This field is required</li>  
    </ul>  
    <input type="number" id="form_age" name="form[age]" />  
</div>
```

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 - Ggf. auch applikationsweit

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- Bernd Schusseck's Slides on your USB-Stick
 - [3-steps-to-symfony2-form-mastery.pdf](#)
 - Data Formats
 - Data Mappers
 - Events

Do you want to learn Symfony?

- Intensive 4 day training in Berlin
- Next week: 11.3. - 14.3.2013
- www.php-schulung.de
- Some places booked, some places free
- special last minute price available

Do you want to work in Symfony projects?

- Seeking freelancer who knows Symfony
(or wants to learn Symfony)
- www.php-entwickler-berlin.de



**Vielen Dank
für Eure Aufmerksamkeit!**



Fragen?

Ideen, Wünsche, Anmerkungen?