Package
de.tk.tkapp.rest.api.handler

de.tk.tkapp.rest.api.handler
Class ApiException

```
java.lang.Object
    │
    +-java.lang.Throwable
        │
        +-java.lang.Exception
            │
            +-de.tk.tkapp.rest.api.handler.ApiException
```

All Implemented Interfaces:
java.io.Serializable

Direct Known Subclasses:
NotFoundException

---

public class **ApiException**
extends java.lang.Exception

Constructor Summary

public	ApiException(int code, java.lang.String msg)

Methods inherited from class `java.lang.Throwable`

addSuppressed, fillInStackTrace, getCause, getLocalizedMessage, getMessage, getStackTrace, getSuppressed, initCause, printStackTrace, printStackTrace, printStackTrace, setStackTrace, toString

Methods inherited from class `java.lang.Object`

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

---

Constructors

ApiException

```
public ApiException(int code,
                    java.lang.String msg)
```

de.tk.tkapp.rest.api.handler
Class ApiOriginFilter

```
java.lang.Object
    │
    +-de.tk.tkapp.rest.api.handler.ApiOriginFilter
```

All Implemented Interfaces:
   javax.servlet.Filter

---

public class **ApiOriginFilter**
extends java.lang.Object
implements javax.servlet.Filter

Constructor Summary

public	[ApiOriginFilter](#)()

Method Summary

void	[destroy](#)()
void	[doFilter](#)(javax.servlet.ServletRequest request, javax.servlet.ServletResponse response, javax.servlet.FilterChain chain)
void	[init](#)(javax.servlet.FilterConfig filterConfig)

Methods inherited from class `java.lang.Object`

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods inherited from interface `javax.servlet.Filter`

destroy, doFilter, init

Constructors

ApiOriginFilter

public **ApiOriginFilter**()

Methods

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---

doFilter

```
public void doFilter(javax.servlet.ServletRequest request,
          javax.servlet.ServletResponse response,
          javax.servlet.FilterChain chain)
   throws java.io.IOException,
          javax.servlet.ServletException
```

destroy

```
public void destroy()
```

init

```
public void init(javax.servlet.FilterConfig filterConfig)
   throws javax.servlet.ServletException
```

doFilter

```
public void doFilter(javax.servlet.ServletRequest request,
```

de.tk.tkapp.rest.api.handler
Class ApiResponseMessage

```
java.lang.Object
    │
    └─de.tk.tkapp.rest.api.handler.ApiResponseMessage
```

public class **ApiResponseMessage**
extends java.lang.Object

Field Summary

public static final	ERROR	
	Value: **1**	
public static final	INFO	
	Value: **3**	
public static final	OK	
	Value: **4**	
public static final	TOO_BUSY	
	Value: **5**	
public static final	WARNING	
	Value: **2**	

Constructor Summary

public	ApiResponseMessage()
public	ApiResponseMessage(int code, java.lang.String message)

Method Summary

int	getCode()
java.lang.String	getMessage()
java.lang.String	getType()
void	setCode(int code)
void	setMessage(java.lang.String message)
void	setType(java.lang.String type)

Methods inherited from class `java.lang.Object`

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait
```

Fields

ERROR

`public static final int ERROR`

Constant value: **1**

WARNING

`public static final int WARNING`

Constant value: **2**

INFO

`public static final int INFO`

Constant value: **3**

OK

`public static final int OK`

Constant value: **4**

TOO_BUSY

`public static final int TOO_BUSY`

Constant value: **5**

Constructors

ApiResponseMessage

`public ApiResponseMessage()`

ApiResponseMessage

```
public ApiResponseMessage(int code,
                          java.lang.String message)
```

Methods

getCode

```
public int getCode()
```

setCode

```
public void setCode(int code)
```

getType

```
public java.lang.String getType()
```

setType

```
public void setType(java.lang.String type)
```

getMessage

```
public java.lang.String getMessage()
```

setMessage

```
public void setMessage(java.lang.String message)
```

de.tk.tkapp.rest.api.handler
Class NotFoundException

```
java.lang.Object
    |
    +-java.lang.Throwable
        |
        +-java.lang.Exception
            |
            +-de.tk.tkapp.rest.api.handler.ApiException
                |
                +-de.tk.tkapp.rest.api.handler.NotFoundException
```

All Implemented Interfaces:
java.io.Serializable

public class **NotFoundException**
extends ApiException

Constructor Summary

public	NotFoundException(int code, java.lang.String msg)

Methods inherited from class `java.lang.Throwable`

addSuppressed, fillInStackTrace, getCause, getLocalizedMessage, getMessage, getStackTrace, getSuppressed, initCause, printStackTrace, printStackTrace, printStackTrace, setStackTrace, toString

Methods inherited from class `java.lang.Object`

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

NotFoundException

```
public NotFoundException(int code,
                         java.lang.String msg)
```

de.tk.tkapp.rest.api.handler
Class SomethingsApi

```
java.lang.Object
   │
   +-de.tk.tkapp.rest.api.handler.SomethingsApi
```

public class **SomethingsApi**
extends java.lang.Object

Constructor Summary

public	SomethingsApi()

Method Summary

javax.ws.rs.core.Resp onse	add(Something body, javax.ws.rs.core.SecurityContext securityContext)
javax.ws.rs.core.Resp onse	findAll(javax.ws.rs.core.SecurityContext securityContext)
javax.ws.rs.core.Resp onse	findById(java.lang.Long id, javax.ws.rs.core.SecurityContext securityContext)
javax.ws.rs.core.Resp onse	remove(Something body, javax.ws.rs.core.SecurityContext securityContext)
javax.ws.rs.core.Resp onse	update(Something body, javax.ws.rs.core.SecurityContext securityContext)

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

SomethingsApi

public **SomethingsApi**()

Methods

add

```
public javax.ws.rs.core.Response add(Something body,
        javax.ws.rs.core.SecurityContext securityContext)
  throws NotFoundException
```

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findAll

```
public javax.ws.rs.core.Response findAll(javax.ws.rs.core.SecurityContext
securityContext)
   throws NotFoundException
```

findById

```
public javax.ws.rs.core.Response findById(java.lang.Long id,
         javax.ws.rs.core.SecurityContext securityContext)
   throws NotFoundException
```

remove

```
public javax.ws.rs.core.Response remove(Something body,
         javax.ws.rs.core.SecurityContext securityContext)
   throws NotFoundException
```

update

```
public javax.ws.rs.core.Response update(Something body,
         javax.ws.rs.core.SecurityContext securityContext)
   throws NotFoundException
```

de.tk.tkapp.rest.api.handler
Class SomethingsApiService

```
java.lang.Object
    │
    +-de.tk.tkapp.rest.api.handler.SomethingsApiService
```

Direct Known Subclasses:
   SomethingsApiServiceImpl

---

public abstract class **SomethingsApiService**
extends java.lang.Object

Constructor Summary

public	SomethingsApiService()

Method Summary

abstract javax.ws.rs.core.Response	add(Something body, javax.ws.rs.core.SecurityContext securityContext)
abstract javax.ws.rs.core.Response	findAll(javax.ws.rs.core.SecurityContext securityContext)
abstract javax.ws.rs.core.Response	findById(java.lang.Long id, javax.ws.rs.core.SecurityContext securityContext)
abstract javax.ws.rs.core.Response	remove(Something body, javax.ws.rs.core.SecurityContext securityContext)
abstract javax.ws.rs.core.Response	update(Something body, javax.ws.rs.core.SecurityContext securityContext)

Methods inherited from class `java.lang.Object`

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait
```

Constructors

SomethingsApiService

public **SomethingsApiService**()

Methods

(continued from last page)

add

```
public abstract javax.ws.rs.core.Response add(Something body,
        javax.ws.rs.core.SecurityContext securityContext)
   throws NotFoundException
```

findAll

```
public abstract javax.ws.rs.core.Response findAll(javax.ws.rs.core.SecurityContext
securityContext)
   throws NotFoundException
```

findById

```
public abstract javax.ws.rs.core.Response findById(java.lang.Long id,
        javax.ws.rs.core.SecurityContext securityContext)
   throws NotFoundException
```

remove

```
public abstract javax.ws.rs.core.Response remove(Something body,
        javax.ws.rs.core.SecurityContext securityContext)
   throws NotFoundException
```

update

```
public abstract javax.ws.rs.core.Response update(Something body,
        javax.ws.rs.core.SecurityContext securityContext)
   throws NotFoundException
```

Package

de.tk.tkapp.rest.api.handler.factories

de.tk.tkapp.rest.api.handler.factories
Class SomethingsApiServiceFactory

```
java.lang.Object
   │
   +-de.tk.tkapp.rest.api.handler.factories.SomethingsApiServiceFactory
```

public class **SomethingsApiServiceFactory**
extends java.lang.Object

Constructor Summary

public	SomethingsApiServiceFactory()

Method Summary

static SomethingsApiService	getSomethingsApi()

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

SomethingsApiServiceFactory

public **SomethingsApiServiceFactory**()

Methods

getSomethingsApi

public static SomethingsApiService **getSomethingsApi**()

Package
de.tk.tkapp.rest.api.handler.impl

de.tk.tkapp.rest.api.handler.impl
Class SomethingsApiServiceImpl

```
java.lang.Object
    │
    +-de.tk.tkapp.rest.api.handler.SomethingsApiService
        │
        +-de.tk.tkapp.rest.api.handler.impl.SomethingsApiServiceImpl
```

public class **SomethingsApiServiceImpl**
extends SomethingsApiService

Constructor Summary

public	SomethingsApiServiceImpl()

Method Summary

javax.ws.rs.core.Response	add(Something body, javax.ws.rs.core.SecurityContext securityContext)
javax.ws.rs.core.Response	findAll(javax.ws.rs.core.SecurityContext securityContext)
javax.ws.rs.core.Response	findById(java.lang.Long id, javax.ws.rs.core.SecurityContext securityContext)
javax.ws.rs.core.Response	remove(Something body, javax.ws.rs.core.SecurityContext securityContext)
javax.ws.rs.core.Response	update(Something body, javax.ws.rs.core.SecurityContext securityContext)

Methods inherited from class de.tk.tkapp.rest.api.handler.SomethingsApiService

add, findAll, findById, remove, update

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

SomethingsApiServiceImpl

public **SomethingsApiServiceImpl**()

Methods

add

```
public javax.ws.rs.core.Response add(Something body,
          javax.ws.rs.core.SecurityContext securityContext)
   throws NotFoundException
```

findAll

```
public javax.ws.rs.core.Response findAll(javax.ws.rs.core.SecurityContext
securityContext)
   throws NotFoundException
```

findById

```
public javax.ws.rs.core.Response findById(java.lang.Long id,
          javax.ws.rs.core.SecurityContext securityContext)
   throws NotFoundException
```

remove

```
public javax.ws.rs.core.Response remove(Something body,
          javax.ws.rs.core.SecurityContext securityContext)
   throws NotFoundException
```

update

```
public javax.ws.rs.core.Response update(Something body,
          javax.ws.rs.core.SecurityContext securityContext)
   throws NotFoundException
```

Package
de.tk.tkapp.rest.api.invoker

de.tk.tkapp.rest.api.invoker
Class RestApplication

```
java.lang.Object
    |
    +-javax.ws.rs.core.Application
        |
        +-de.tk.tkapp.rest.api.invoker.RestApplication
```

public class **RestApplication**
extends javax.ws.rs.core.Application

Constructor Summary

public	[RestApplication](#)()

Methods inherited from class javax.ws.rs.core.Application
getClasses, getProperties, getSingletons

Methods inherited from class java.lang.Object
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

RestApplication

public **RestApplication**()

de.tk.tkapp.rest.api.invoker
Class StringUtil

```
java.lang.Object
    │
    +-de.tk.tkapp.rest.api.invoker.StringUtil
```

public class **StringUtil**
extends java.lang.Object

Constructor Summary

public	[StringUtil](#)()

Method Summary

static boolean	[containsIgnoreCase](#)(java.lang.String[] array, java.lang.String value) Check if the given array contains the given value (with case-insensitive comparison).
static java.lang.String	[join](#)(java.lang.String[] array, java.lang.String separator) Join an array of strings with the given separator.

Methods inherited from class `java.lang.Object`

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait
```

Constructors

StringUtil

public **StringUtil**()

Methods

containsIgnoreCase

```
public static boolean containsIgnoreCase(java.lang.String[] array,
        java.lang.String value)
```

Check if the given array contains the given value (with case-insensitive comparison).

Parameters:
array - The array
value - The value to search

Returns:
true if the array contains the value

join

```
public static java.lang.String join(java.lang.String[] array,
          java.lang.String separator)
```

Join an array of strings with the given separator.

Note: This might be replaced by utility method from commons-lang or guava someday if one of those libraries is added as dependency.

Parameters:
array - The array of strings
separator - The separator

Returns:
the resulting string

```
public static java.lang.String join(java.lang.String[] array,
          java.lang.String separator)
```

Package
de.tk.tkapp.rest.api.model

de.tk.tkapp.rest.api.model
Class Error

```
java.lang.Object
    │
    +-de.tk.tkapp.rest.api.model.Error
```

public class **Error**
extends java.lang.Object

Generic Error object.

Nested Class Summary

class	[Error.ErrorBuilder](#) Error.ErrorBuilder

Constructor Summary

public	[Error](#)()

Method Summary

[Error](#)	[code](#)(java.lang.Long code)
boolean	[equals](#)(java.lang.Object o)
java.lang.Long	[getCode](#)() Error Code of this Error.
static [Error](#)	[getExample](#)()
java.lang.String	[getMessage](#)() Message Body of this Error.
java.lang.String	[getTitle](#)() Title of the Error Message.
int	[hashCode](#)()
[Error](#)	[message](#)(java.lang.String message)
void	[setCode](#)(java.lang.Long code)
void	[setMessage](#)(java.lang.String message)
void	[setTitle](#)(java.lang.String title)
[Error](#)	[title](#)(java.lang.String title)

java.lang.String	[toString](
)()

Methods inherited from class `java.lang.Object`

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait

Constructors

Error

public **Error**()

Methods

code

public [Error](
) **code**(java.lang.Long code)

getCode

public java.lang.Long **getCode**()

Error Code of this Error.

Returns:
code

setCode

public void **setCode**(java.lang.Long code)

title

public [Error](
) **title**(java.lang.String title)

getTitle

public java.lang.String **getTitle**()

Title of the Error Message.

Returns:
title

setTitle

```
public void setTitle(java.lang.String title)
```

message

```
public Error message(java.lang.String message)
```

getMessage

```
public java.lang.String getMessage()
```

Message Body of this Error.

Returns:
message

setMessage

```
public void setMessage(java.lang.String message)
```

equals

```
public boolean equals(java.lang.Object o)
```

hashCode

```
public int hashCode()
```

toString

```
public java.lang.String toString()
```

getExample

```
public static Error getExample()
```

de.tk.tkapp.rest.api.model
Class Error.ErrorBuilder

```
java.lang.Object
    │
    +-de.tk.tkapp.rest.api.model.Error.ErrorBuilder
```

public static class **Error.ErrorBuilder**
extends java.lang.Object

Constructor Summary

public	[ErrorBuilder](#)()

Method Summary

[Error](#)	[build](#)()
[Error.ErrorBuilder](#)	[code](#)(java.lang.Long code)
[Error.ErrorBuilder](#)	[message](#)(java.lang.String message)
[Error.ErrorBuilder](#)	[title](#)(java.lang.String title)

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

ErrorBuilder

public **ErrorBuilder**()

Methods

code

public [Error.ErrorBuilder](#) **code**(java.lang.Long code)

title

public [Error.ErrorBuilder](#) **title**(java.lang.String title)

message

public [Error.ErrorBuilder](#) **message**(java.lang.String message)

build

public [Error](#) **build**()

de.tk.tkapp.rest.api.model
Class OtherObject

```
java.lang.Object
    │
    +-de.tk.tkapp.rest.api.model.OtherObject
```

public class **OtherObject**
extends java.lang.Object

A Reference to another object.

Nested Class Summary

class	[OtherObject.OtherObjectBuilder](#) OtherObject.OtherObjectBuilder

Constructor Summary

public	[OtherObject](#)()

Method Summary

boolean	[equals](#)(java.lang.Object o)
static [OtherObject](#)	[getExample](#)()
java.lang.Long	[getId](#)() Id of OtherObject.
java.lang.String	[getName](#)() Name of OtherObject.
int	[hashCode](#)()
[OtherObject](#)	[id](#)(java.lang.Long id)
[OtherObject](#)	[name](#)(java.lang.String name)
void	[setId](#)(java.lang.Long id)
void	[setName](#)(java.lang.String name)
java.lang.String	[toString](#)()

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

OtherObject

public **OtherObject**()

Methods

id

public [OtherObject] **id**(java.lang.Long id)

getId

public java.lang.Long **getId**()

>   Id of OtherObject.

>   **Returns:**
>   id

setId

public void **setId**(java.lang.Long id)

name

public [OtherObject] **name**(java.lang.String name)

getName

public java.lang.String **getName**()

>   Name of OtherObject.

>   **Returns:**
>   name

setName

public void **setName**(java.lang.String name)

equals

public boolean **equals**(java.lang.Object o)

hashCode

```
public int hashCode()
```

toString

```
public java.lang.String toString()
```

getExample

```
public static OtherObject getExample()
```

de.tk.tkapp.rest.api.model
Class OtherObject.OtherObjectBuilder

```
java.lang.Object
   │
   └─de.tk.tkapp.rest.api.model.OtherObject.OtherObjectBuilder
```

public static class **OtherObject.OtherObjectBuilder**
extends java.lang.Object

Constructor Summary

public	[OtherObjectBuilder](#)()

Method Summary

[OtherObject](#)	[build](#)()
[OtherObject.OtherObjectBuilder](#)	[id](#)(java.lang.Long id)
[OtherObject.OtherObjectBuilder](#)	[name](#)(java.lang.String name)

Methods inherited from class java.lang.Object
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

OtherObjectBuilder

public **OtherObjectBuilder**()

Methods

id

public [OtherObject.OtherObjectBuilder](#) **id**(java.lang.Long id)

name

public [OtherObject.OtherObjectBuilder](#) **name**(java.lang.String name)

build

public OtherObject **build**()

build

public OtherObject **build**()

de.tk.tkapp.rest.api.model
Class Something

```
java.lang.Object
    │
    +-de.tk.tkapp.rest.api.model.Something
```

public class **Something**
extends java.lang.Object

A Something object.

Nested Class Summary

class	[Something.SomethingBuilder](#) Something.SomethingBuilder

Constructor Summary

public	[Something](#)()

Method Summary

boolean	[equals](#)(java.lang.Object o)
static [Something](#)	[getExample](#)()
java.lang.Long	[getId](#)() Id of Something.
java.lang.String	[getName](#)() Name of Something.
[OtherObject](#)	[getOtherObject](#)() Get otherObject
int	[hashCode](#)()
[Something](#)	[id](#)(java.lang.Long id)
[Something](#)	[name](#)(java.lang.String name)
[Something](#)	[otherObject](#)([OtherObject](#) otherObject)
void	[setId](#)(java.lang.Long id)
void	[setName](#)(java.lang.String name)
void	[setOtherObject](#)([OtherObject](#) otherObject)

java.lang.String	`toString`()

Methods inherited from class `java.lang.Object`

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

Something

public **Something**()

Methods

id

public `Something` **id**(java.lang.Long id)

getId

public java.lang.Long **getId**()

Id of Something.

Returns:
id

setId

public void **setId**(java.lang.Long id)

name

public `Something` **name**(java.lang.String name)

getName

public java.lang.String **getName**()

Name of Something.

Returns:
name

setName

```
public void setName(java.lang.String name)
```

otherObject

```
public Something otherObject(OtherObject otherObject)
```

getOtherObject

```
public OtherObject getOtherObject()
```

Get otherObject

Returns:
otherObject

setOtherObject

```
public void setOtherObject(OtherObject otherObject)
```

equals

```
public boolean equals(java.lang.Object o)
```

hashCode

```
public int hashCode()
```

toString

```
public java.lang.String toString()
```

getExample

```
public static Something getExample()
```

de.tk.tkapp.rest.api.model
Class Something.SomethingBuilder

```
java.lang.Object
    |
    +-de.tk.tkapp.rest.api.model.Something.SomethingBuilder
```

public static class **Something.SomethingBuilder**
extends java.lang.Object

Constructor Summary

public	SomethingBuilder()

Method Summary

Something	build()
Something.SomethingBuilder	id(java.lang.Long id)
Something.SomethingBuilder	name(java.lang.String name)
Something.SomethingBuilder	otherObject(OtherObject otherObject)

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

SomethingBuilder

public **SomethingBuilder**()

Methods

id

public Something.SomethingBuilder **id**(java.lang.Long id)

name

public Something.SomethingBuilder **name**(java.lang.String name)

otherObject

public Something.SomethingBuilder **otherObject**(OtherObject otherObject)

build

public Something **build**()

public Something.SomethingBuilder **otherObject**(OtherObject otherObject)