

Package `com.company.data.person`

Class `Person`

`java.lang.Object`
`com.company.data.person.Person`

All Implemented Interfaces:

`java.io.Serializable`, `java.lang.Cloneable`, `java.lang.Comparable<Person>`

Direct Known Subclasses:

[Faculty](#), [Student](#)

```
public abstract class Person
extends java.lang.Object
implements java.lang.Comparable<Person>, java.lang.Cloneable, java.io.Serializable
```

The type `Person`.

See Also:

[Serialized Form](#)

Field Summary

Fields

Modifier and Type	Field	Description
private PersonAddress	addressInfo	The person address information.
private java.lang.String	email	The person email.
private PersonName	name	The person name.
private java.lang.String	tel	The person telephone number.

Constructor Summary

Constructors

Constructor	Description
Person()	Instantiates a new <code>Person</code> .
Person(PersonName name0, java.lang.String email, java.lang.String tel, PersonAddress address0)	Instantiates a new <code>Person</code> .

Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method	Description
protected void	checkStringValue (java.lang.String valueString, java.lang.String attributeName)	Check string value.
java.lang.Object	clone ()	Override clone method.
int	compareTo (Person o)	Override compareTo method.
boolean	equals (java.lang.Object obj)	Override equals method.
java.lang.String	getAddressInfo ()	Gets address info.
java.lang.String	getEmail ()	Gets email.
java.lang.String	getName ()	Gets name.
java.lang.String	getTel ()	Gets telephone number.
int	hashCode ()	Override hashCode method.
void	setAddressInfo (PersonAddress addressInfo)	Sets address info.
void	setEmail (java.lang.String email)	Sets email.
void	setName (PersonName name)	Sets name.
void	setTel (java.lang.String tel)	Sets tel.
java.lang.String	toString ()	Override toString method.

Methods inherited from class java.lang.Object

finalize, getClass, notify, notifyAll, wait, wait, wait

Field Details

name

```
private PersonName name
```

The person name.

email

```
private java.lang.String email
```

The person email.

tel

```
private java.lang.String tel
```

The person telephone number.

addressInfo

```
private PersonAddress addressInfo
```

The person address information.

Constructor Details

Person

```
public Person()
```

Instantiates a new Person.

Person

```
public Person(PersonName name0,  
             java.lang.String email,  
             java.lang.String tel,  
             PersonAddress address0)
```

Instantiates a new Person.

Parameters:

name0 - the name object

email - the email

tel - the tel

address0 - the address object

Method Details

getName

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

Gets name.

Returns:

the name

getEmail

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

Gets email.

Returns:

the email

getTel

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

Gets telephone number.

Returns:

the telephone number

getAddressInfo

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

Gets address info.

Returns:

the address info

setName

```
public void setName(PersonName name)
```

Sets name.

Parameters:

name - the name

setEmail

```
public void setEmail(java.lang.String email)
```

Sets email.

Parameters:

email - the email

setTel

```
public void setTel(java.lang.String tel)
```

Sets tel.

Parameters:

tel - the tel

setAddressInfo

```
public void setAddressInfo(PersonAddress addressInfo)
```

Sets address info.

Parameters:

addressInfo - the address info

checkStringValue

```
protected void checkStringValue(java.lang.String valueString,  
                                java.lang.String attributeName)  
    throws java.lang.Exception
```

Check string value.

Parameters:

valueString - the value string

attributeName - the attribute name

Throws:

java.lang.Exception - the exception

toString

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

Override toString method.

Overrides:

toString in class java.lang.Object

Returns:

a string description of the Person class.

compareTo

```
public int compareTo(Person o)
```

Override compareTo method.

Specified by:

compareTo in interface java.lang.Comparable<Person>

Parameters:

o - person object

Returns:

comparision result (i.e. -1, 0, 1) between Persons

equals

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

Override equals method.

Overrides:

equals in class java.lang.Object

Parameters:

obj - the object

Returns:

the result of thisCourse equals otherCourse as a boolean

clone

```
public java.lang.Object clone()  
    throws java.lang.CloneNotSupportedException
```

Override clone method.

Overrides:

clone in class `java.lang.Object`

Returns:

super clone

Throws:

`java.lang.CloneNotSupportedException` - Clone Not Supported Exception

hashCode

```
public int hashCode()
```

Override hashCode method.

Overrides:

hashCode in class `java.lang.Object`

Returns:

hashCode of telephone number.