

Contents

Description

Packages

Module com.example.interfazconodoo

module com.example.interfazconodoo

Packages

Exports

Package	Description
com.example.interfazconodoo	
com.example.interfazconodoo.controlad	
com.example.interfazconodoo.dao	
com.example.interfazconodoo.modelos	



Description

Nested Class Summary

Field Summary

Constructor Summary

Method Summary

Constructor Details

 HelloApplication()

Method Details

 start(Stage)

 main(String[])

Class HelloApplication

java.lang.Object
 javafx.application.Application
 com.example.interfazconodoo>HelloApplication

public class **HelloApplication**
extends `javafx.application.Application`

Clase para iniciar el programa.

Nested Class Summary

Nested classes/interfaces inherited from class `javafx.application.Application`

`javafx.application.Application.Parameters`

Field Summary

Fields inherited from class `javafx.application.Application`

`STYLESHEET_CASPIAN`, `STYLESHEET_MODENA`

Constructor Summary

Constructors

Constructor	Description
<code>HelloApplication()</code>	

Method Summary

All Methods		Static Methods
Instance Methods		Concrete Methods
Modifier and Type	Method	Description
static void	<code>main(String [] args)</code>	Inicia la aplicación.
void	<code>start</code>	Creamos la interfaz.



`(javafx.stage.St`

Methods inherited from class `javafx.application.Application`

`getHostServices`, `getParameters`,
`getUserAgentStylesheet`, `init`, `launch`, `launch`,
`notifyPreloader`, `setUserAgentStylesheet`, `stop`

Methods inherited from class `java.lang.Object`

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

Constructor Details

HelloApplication

```
public HelloApplication()
```

Method Details

start

```
public void start(javafx.stage.Stage stage)  
    throws IOException
```

Creamos la interfaz.

Specified by:

start in class `javafx.application.Application`

Throws:

`IOException`

main

```
public static void main(String [] args)
```

Inicia la aplicación.

Contents

Filter

Description

Constructor Summary

Method Summary

Constructor Details

FormatoController()

Method Details

setFormatoNuevo(Paperformat

initialize()

onBtCrear(ActionEvent)

onBtSalir(ActionEvent)

Class FormatoController

```
java.lang.Object
com.example.interfazconodoo.controladores.FormatoConti
```

```
public class FormatoController
extends Object
```

Clase para gestionar el funcionamiento de la interfaz de editar y crear formatos.

Constructor Summary

Constructors

Constructor	Description
FormatoController()	

Method Summary

All Methods Instance Methods

Concrete Methods

Modifier and Type	Method	Description
void	initialize()	Binding reactivo para desactivar el botón `btCrear` hasta que todos los campos sean válidos.
void	onBtCrear (javafx.event.Ac	Creamos un elemento nuevo en la tabla de "report_paperformat" o editamos un elemento ya creado.
void	onBtSalir (javafx.event.Ac	Cerramos la ventana.
void	setFormatoNuevo (Paperformat pap	Insertamos el nuevo formato o

el modificado.

**Methods inherited from
class java.lang.Object**

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

Constructor Details**FormatoController**

```
public FormatoController()
```

Method Details**setFormatoNuevo**

```
public void setFormatoNuevo  
(Paperformat paperformat)
```

Insertamos el nuevo formato o el modificado.

initialize

```
public void initialize()
```

Binding reactivo para desactivar el botón `btCrear`
hasta que todos los campos sean válidos.

onBtCrear

```
public void onBtCrear  
(javafx.event.ActionEvent actionEvent)  
throws SQLException
```

Creamos un elemento nuevo en la tabla de
"report_paperformat" o editamos un elemento ya
crado.

Tambien controlamos el problema de un formato
inadecuadoi de un double.

Throws:

SQLException

onBtSalir

```
public void onBtSalir  
(javafx.event.ActionEvent actionEvent)
```

Cerramos la ventana.

Contents

Filter

Description

Constructor Summary

Method Summary

Constructor Details

 HelloController()

Method Details

 initialize()

 onBtnSearchBien(ActionEvent)

 onBtnEditarFormat(ActionEvent)

 onBtnEliminarFormat(ActionEvent)

 onBtnCrearFormat(ActionEvent)

Class HelloController

```
java.lang.Object
com.example.interfazconodoo.controladores.HelloController
```

```
public class HelloController
extends Object
```

Clase para gestionar el funcionamiento de la interfaz.

Constructor Summary

Constructors

Constructor	Description
HelloController()	

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method	Description
void	initialize()	Asignar valores de celda para cada columna, usando los nombres de propiedad de Paperformat.
void	onBtnCrearForma (javafx.event.Ac	Cargamos una nueva interfaz para crear un campo de la tabla.
void	onBtnEditarForm (javafx.event.Ac	Cargamos una nueva interfaz para editar un campo de la tabla.
void	onBtnEliminarFo (javafx.event.Ac	Al seleccionar un formato lo eliminamos con

este metodo, mostrando una alerta para asegurarnos de que queremos borrarlo.

void

onBtnSearchBien
(javafx.event.Ac

Cargamos los datos al clicar el boton vacio y cuando introducimos un texto nos busca el formato que queremos por su nombre.

Methods inherited from class java.lang.Object

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

Constructor Details

HelloController

```
public HelloController()
```

Method Details

initialize

```
public void initialize()
```

Asignar valores de celda para cada columna, usando los nombres de propiedad de Paperformat.

Binding reactivo para desactivar btEliminar y btEditar si no hay selección.

Detectar cambios en el campo de búsqueda y aplicar el filtro reactivo.

onBtnSearchBien


```
public void onBtnSearchBien  
(javafx.event.ActionEvent actionEvent)
```

Cargamos los datos al clicar el boton vacio y cuando introducimos un texto nos busca el formato que queremos por su nombre.

onBtnEditarFormat

```
public void onBtnEditarFormat  
(javafx.event.ActionEvent actionEvent)  
                                throws IOException
```

Cargamos una nueva interfaz para editar un campo de la tabla.

Throws:

IOException

onBtnEliminarFormat

```
public void onBtnEliminarFormat  
(javafx.event.ActionEvent actionEvent)  
                                throws IOException ,  
                                SQLException
```

Al seleccionar un formato lo eliminamos con este metodo, mostrando una alerta para asegurarnos de que queremos borrarlo. Y al eliminar nos muestra la tabla sin ese elemento.

Throws:

IOException

SQLException

onBtnCrearFormat

```
public void onBtnCrearFormat  
(javafx.event.ActionEvent actionEvent)  
                                throws IOException
```

Cargamos una nueva interfaz para crear un campo de la tabla. Que serai la misma interfaz que para editar.

Throws:

IOException

Description

Field Summary

Constructor Summary

Method Summary

Field Details

connection

Constructor Details

Conexion()

Method Details

getConnection()

Class Conexion

java.lang.Object
com.example.interfazconodoo.dao.Conexion

public class **Conexion**
extends **Object**

Clase para gestionar la conexión con la base de datos PostgreSQL.

Field Summary

Fields

Modifier and Type	Field	Description
static Connection	connection	Instancia única de la conexión a la base de datos.

Constructor Summary

Constructors

Constructor	Description
Conexion()	

Method Summary

All MethodsStatic Methods

Concrete Methods

Modifier and Type	Method	Description
static Connection	getConnection()	Obtiene la conexión a la base de datos.

Methods inherited from class java.lang.Object

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



Field Details

connection

```
public static Connection connection
```

Instancia única de la conexión a la base de datos.

Constructor Details

Conexion

```
public Conexion()
```

Method Details

getConnection

```
public static Connection getConnection()
```

Obtiene la conexión a la base de datos.

Si la conexión aún no ha sido creada, este método la inicializa. En caso de fallo, lanza una excepción en tiempo de ejecución.

Returns:

La conexión activa a la base de datos.

Throws:

`RuntimeException` - Si ocurre un error al intentar conectar a la base de datos.

Description

Constructor Summary

Method Summary

Constructor Details

Paperformatdao()

Method Details

obtenerFormatos(String)

crearFormato(Paperformat)

eliminarFormato(Paperformat)

editarFormato(Paperformat)

Class Paperformatdao

java.lang.Object
com.example.interfazconodoo.dao.Paperformatdao

public class **Paperformatdao**
extends **Object**

Clase para gestionar la comunicación con la base de datos PostgreSQL.

Aqui tenemos los metodos que usamos para obtener los datos que necesitamos de la base de datos.

Constructor Summary

Constructors

Constructor	Description
Paperformatdao()	

Method Summary

All Methods

Static Methods

Concrete Methods

Modifier and Type	Method	Description
static void	crearFormato (Paperformat for	Creamos un formato nuevo en la base de datos.
static void	editarFormato (Paperformat for	Editar un formato de la base de datos.
static void	eliminarFormato (Paperformat for	Elimina un formato ya existente en la base de datos.
static List < Paperformat >	obtenerFormatos (String nombre)	Obtiene los formatos que se encuentran en la base de datos.



Methods inherited from class java.lang.Object

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

Constructor Details

Paperformatdao

```
public Paperformatdao()
```

Method Details

obtenerFormatos

```
public static List
<Paperformat> obtenerFormatos(String nombre)
                                throws
SQLException
```

Obtiene los formatos que se encuentran en la base de datos.

Returns:

Los datos de la tabla "report_paperformat" de la base de datos.

Throws:

SQLException

crearFormato

```
public static void crearFormato
(Paperformat formato)
                                throws SQLException
```

Creamos un formato nuevo en la base de datos.

Si aun no ha sido creado este formnato, este método creara el formato. Si el formato ya ha sido creado saltara una excepción en tiempo de ejecución.

Throws:

SQLException

eliminarFormato

```
public static void eliminarFormato  
(Paperformat formato)
```

throws

`SQLException`

Elimina un formato ya existente en la base de datos.

Eliminaremos el formato que queramos en función de su nombre. Si el formato no fuera existente nos saltaría una excepción en tiempo de ejecución.

Throws:

`SQLException`

editarFormato

```
public static void editarFormato  
(Paperformat formato)
```

throws `SQLException`

Editar un formato de la base de datos.

Modificamos todos los campos de un elemento de la tabla. Si el id es 0 saltaría un error en tiempo de ejecución.

Throws:

`SQLException`

Contents

Filter

Description

Property Summary

Constructor Summary

Method Summary

Property Details

id

pageHeight

pageWidth

headerSpacing

dpi

createUid

writeUid

name

format

orientation

default

headerLine

disableShrinking

createDate

writeDate

marginTop

marginBottom

marginLeft

marginRight

Constructor Details

Paperformat(Integer, String, String, String, Double, Double, Double, Double)

Paperformat()

Class Paperformat

java.lang.Object
com.example.interfazconodoo.modelos.Paperformat

public class Paperformat
extends Object

Clase en la que tenemos los campos que encontramos en la tabla "report_paperformat".

Property Summary

Properties		
Type	Property	Description
javafx.beans.property<Timestamp>	createDate	
javafx.beans.property	createUid	
javafx.beans.property	default	
javafx.beans.property	disableShrinking	
javafx.beans.property	dpi	
javafx.beans.property	format	Obtener el formato del formato.
javafx.beans.property	headerLine	
javafx.beans.property	headerSpacing	
javafx.beans.property	id	Obtener el id del formato.
javafx.beans.property	marginBottom	Obtener el margen inferior del formato.
javafx.beans.property	marginLeft	Obtener el margen izquierdo del formato.
javafx.beans.property	marginRight	Obtener el margen derecho del formato.

<code>javafx.beans.property</code> <code>marginTop</code>	Obtener el margen superior del formato.
<code>javafx.beans.property</code> <code>name</code>	Obtener el nombre del formato.
<code>javafx.beans.property</code> <code>orientation</code>	Obtener la orientación del formato.
<code>javafx.beans.property</code> <code>pageHeight</code>	
<code>javafx.beans.property</code> <code>pageWidth</code>	
<code>javafx.beans.property</code> <code>writeDate</code> <Timestamp >	
<code>javafx.beans.property</code> <code>writeUid</code>	

Constructor Summary

Constructors	
Constructor	Description
<code>Paperformat()</code>	Constructor vacio.
<code>Paperformat(Integer id, String name, String format, String orientation, Double marginTop, Double marginBottom, Double marginLeft, Double marginRight)</code>	Constructor con los parametros que se van a usar.

Method Summary

All Methods	Instance Methods	
Concrete Methods		
Modifier and Type	Method	Description
javafx.beans.property	<code>createDateProper</code> <Timestamp >	

javafx.beans.property **createUidProperty**

javafx.beans.property **defaultProperty()**

javafx.beans.property **disableShrinking**

javafx.beans.property **dpiProperty()**

javafx.beans.property **formatProperty()** Obtener el formato del formato.

Timestamp **getCreateDate()** Gets the value of the createDate property.

int **getCreateUid()** Gets the value of the createUid property.

int **getDpi()** Gets the value of the dpi property.

String **getFormat()** Gets the value of the format property.

int **getHeaderSpacing** Gets the value of the headerSpacing property.

int **getId()** Gets the value of the id property.

double **getMarginBottom()** Gets the value of the marginBottom property.

double **getMarginLeft()** Gets the value of the marginLeft property.

double **getMarginRight()** Gets the value of the marginRight property.

double **getMarginTop()** Gets the value of the marginTop property.

String **getName()** Gets the value of the name

		property.
String	getOrientation()	Gets the value of the orientation property.
int	getPageHeight()	Gets the value of the pageHeight property.
int	getPageWidth()	Gets the value of the pageWidth property.
Timestamp	getWriteDate()	Gets the value of the writeDate property.
int	getWriteUid()	Gets the value of the writeUid property.
javafx.beans.p	headerLineProper	
javafx.beans.p	headerSpacingPro	
javafx.beans.p	idProperty()	Obtener el id del formato.
boolean	isDefault()	Gets the value of the default property.
boolean	isDisableShrinki	Gets the value of the disableShrinking property.
boolean	isHeaderLine()	Gets the value of the headerLine property.
javafx.beans.p	marginBottomProp	Obtener el margen inferior del formato.
javafx.beans.p	marginLeftProper	Obtener el margen izquierdo del formato.
javafx.beans.p	marginRightPrope	Obtener el margen derecho del formato.

javafx.beans.property	marginTopProperty	Obtener el margen superior del formato.
javafx.beans.property	nameProperty()	Obtener el nombre del formato.
javafx.beans.property	orientationProperty	Obtener la orientación del formato.
javafx.beans.property	pageHeightProperty	
javafx.beans.property	pageWidthProperty	
void	setCreateDate (Timestamp createDate)	Sets the value of the createDate property.
void	setCreateUid (int createUid)	Sets the value of the createUid property.
void	setDefault (boolean defecto)	Sets the value of the default property.
void	setDisableShrink (boolean disableShrinking)	Sets the value of the disableShrinking property.
void	setDpi (int dpi)	Sets the value of the dpi property.
void	setFormat (String format)	Insertar el nombre del formato.
void	setHeaderLine (boolean headerLine)	Sets the value of the headerLine property.
void	setHeaderSpacing (int headerSpacing)	Sets the value of the headerSpacing property.
void	setId (int id)	Insertar el id del formato.
void	setMarginBottom (double marginBottom)	Insertar el margen inferior del formato.

void	setMarginLeft (double marginLeft)	Insertar el margen izquierdo del formato.
void	setMarginRight (double marginRight)	Insertar el margen derecho del formato.
void	setMarginTop (double marginTop)	Inserta el margen superior del formato.
void	setName(String name)	Insertar el nombre del formato.
void	setOrientation(String orientation)	Insertar la orientación del formato.
void	setPageHeight (int pageHeight)	Sets the value of the pageHeight property.
void	setPageWidth (int pageWidth)	Sets the value of the pageWidth property.
void	setWriteDate (Timestamp writeDate)	Sets the value of the writeDate property.
void	setWriteUid (int writeUid)	Sets the value of the writeUid property.

javafx.beans.property **writeDateProperty**
<Timestamp >

javafx.beans.property **writeUidProperty**

Methods inherited from class java.lang.Object

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

Property Details

id

```
public javafx.beans.property.IntegerProperty id
```

Obtener el id del formato.

See Also:

```
getId(), setId(int), idProperty()
```



pageHeight

```
public javafx.beans.property.IntegerProperty pageHeight
```

See Also:

```
getPageHeight(), setPageHeight(int),  
pageHeightProperty()
```



pageWidth

```
public javafx.beans.property.IntegerProperty pageWidth
```

See Also:

```
getPageWidth(), setPageWidth(int),  
pageWidthProperty()
```



headerSpacing

```
public javafx.beans.property.IntegerProperty headerSpacing
```

See Also:

```
getHeaderSpacing(), setHeaderSpacing(int),  
headerSpacingProperty()
```



dpi

```
public javafx.beans.property.IntegerProperty dpi
```

See Also:

```
getDpi(), setDpi(int), dpiProperty()
```



createUid

```
public javafx.beans.property.IntegerProperty createUidProperty()
```

See Also:

```
getCreateUid(), setCreateUid(int),  
createUidProperty()
```

**writeUid**

```
public javafx.beans.property.IntegerProperty writeUidProperty()
```

See Also:

```
getWriteUid(), setWriteUid(int),  
writeUidProperty()
```

**name**

```
public javafx.beans.property.StringProperty nameProperty()
```

Obtener el nombre del formato.

See Also:

```
getName(), setName(String), nameProperty()
```

**format**

```
public javafx.beans.property.StringProperty formatProperty()
```

Obtener el formato del formato.

See Also:

```
getFormat(), setFormat(String),  
formatProperty()
```

**orientation**

```
public javafx.beans.property.StringProperty orientationProperty()
```

Obtener la orientación del formato.

See Also:

```
getOrientation(), setOrientation(String),  
orientationProperty()
```

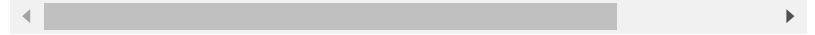


default

```
public javafx.beans.property.BooleanProperty defaultProperty()
```

See Also:

```
isDefault(), setDefault(boolean),  
defaultProperty()
```



headerLine

```
public javafx.beans.property.BooleanProperty headerLineProperty()
```

See Also:

```
isHeaderLine(), setHeaderLine(boolean),  
headerLineProperty()
```



disableShrinking

```
public javafx.beans.property.BooleanProperty disableShrinkingProperty()
```

See Also:

```
isDisableShrinking(),  
setDisableShrinking(boolean),  
disableShrinkingProperty()
```



createDate

```
public javafx.beans.property.ObjectProperty<Timestamp>  
createDateProperty()
```

See Also:

```
getCreateDate(), setCreateDate(Timestamp),  
createDateProperty()
```



writeDate

```
public javafx.beans.property.ObjectProperty<Timestamp>  
writeDateProperty()
```

See Also:

```
getWriteDate(), setWriteDate(Timestamp),  
writeDateProperty()
```



marginTop

```
public javafx.beans.property.DoubleProperty marginTopProperty()
```

Obtener el margen superior del formato.

See Also:

```
getMarginTop(), setMarginTop(double),  
marginTopProperty()
```



marginBottom

```
public javafx.beans.property.DoubleProperty marginBottomProperty()
```

Obtener el margen inferior del formato.

See Also:

```
getMarginBottom(), setMarginBottom(double),  
marginBottomProperty()
```



marginLeft

```
public javafx.beans.property.DoubleProperty marginLeftProperty()
```

Obtener el margen izquierdo del formato.

See Also:

```
getMarginLeft(), setMarginLeft(double),  
marginLeftProperty()
```



marginRight

```
public javafx.beans.property.DoubleProperty marginRightProperty()
```

Obtener el margen derecho del formato.

See Also:

```
getMarginRight(), setMarginRight(double),  
marginRightProperty()
```



Constructor Details

Paperformat


```
public Paperformat(Integer id,
                    String name,
                    String format,
                    String orientation,
                    Double marginTop,
                    Double marginBottom,
                    Double marginLeft,
                    Double marginRight)
```

Constructor con los parametros que se van a usar.

Paperformat

```
public Paperformat()
```

Constructor vacio.

Method Details

idProperty

```
public javafx.beans.property.IntegerProperty idProperty()
```

Obtener el id del formato.

Returns:

El id del formato.

See Also:

`getId()`, `setId(int)`

getId

```
public int getId()
```

Gets the value of the id property.

Property description:

Obtener el id del formato.

Returns:

the value of the id property

See Also:

`setId(int)`, `idProperty()`

setId

```
public void setId(int id)
```

Insertar el id del formato.

pageHeightProperty

```
public javafx.beans.property.IntegerProperty pageHeightProperty()
```

Returns:

the pageHeight property

See Also:

[getPageHeight\(\)](#), [setPageHeight\(int\)](#)



getPageHeight

```
public int getPageHeight()
```

Gets the value of the pageHeight property.

Property description:

Returns:

the value of the pageHeight property

See Also:

[setPageHeight\(int\)](#), [pageHeightProperty\(\)](#)

setPageHeight

```
public void setPageHeight(int pageHeight)
```

Sets the value of the pageHeight property.

Property description:

Parameters:

pageHeight - the value for the pageHeight property

See Also:

[getPageHeight\(\)](#), [pageHeightProperty\(\)](#)

pageWidthProperty

```
public javafx.beans.property.IntegerProperty pageWidthProperty()
```

Returns:

the pageWidth property

See Also:

`getPageWidth(), setPageWidth(int)`

getPageWidth

```
public int getPageWidth()
```

Gets the value of the `pageWidth` property.

Property description:

Returns:

the value of the `pageWidth` property

See Also:

`setPageWidth(int)`, `pageWidthProperty()`

setPageWidth

```
public void setPageWidth(int pageWidth)
```

Sets the value of the `pageWidth` property.

Property description:

Parameters:

`pageWidth` - the value for the `pageWidth` property

See Also:

`getPageWidth()`, `pageWidthProperty()`

headerSpacingProperty

```
public javafx.beans.property.IntegerProperty headerSpacingProperty()
```

Returns:

the `headerSpacing` property

See Also:

`getHeaderSpacing()`, `setHeaderSpacing(int)`



getHeaderSpacing

```
public int getHeaderSpacing()
```

Gets the value of the `headerSpacing` property.

Property description:

Returns:

the value of the `headerSpacing` property

See Also:

```
setHeaderSpacing(int),  
headerSpacingProperty()
```

setHeaderSpacing

```
public void setHeaderSpacing(int headerSpacing)
```

Sets the value of the headerSpacing property.

Property description:**Parameters:**

headerSpacing - the value for the headerSpacing property

See Also:

```
getHeaderSpacing(), headerSpacingProperty()
```

dpiProperty

```
public javafx.beans.property.IntegerProperty dpiProperty()
```

Returns:

the dpi property

See Also:

```
getDpi(), setDpi(int)
```

getDpi

```
public int getDpi()
```

Gets the value of the dpi property.

Property description:**Returns:**

the value of the dpi property

See Also:

```
setDpi(int), dpiProperty()
```

setDpi

```
public void setDpi(int dpi)
```

Sets the value of the dpi property.

Property description:

Parameters:

dpi - the value for the dpi property

See Also:

`getDpi()`, `dpiProperty()`

createUidProperty

```
public javafx.beans.property.IntegerProperty createUidProperty()
```

Returns:

the createUid property

See Also:

`getCreateUid()`, `setCreateUid(int)`

**getCreateUid**

```
public int getCreateUid()
```

Gets the value of the createUid property.

Property description:**Returns:**

the value of the createUid property

See Also:

`setCreateUid(int)`, `createUidProperty()`

setCreateUid

```
public void setCreateUid(int createUid)
```

Sets the value of the createUid property.

Property description:**Parameters:**

createUid - the value for the createUid property

See Also:

`getCreateUid()`, `createUidProperty()`

writeUidProperty

```
public javafx.beans.property.IntegerProperty writeUidProperty()
```

Returns:

the writeUid property

See Also:`getWriteUid(), setWriteUid(int)`**getWriteUid**

```
public int getWriteUid()
```

Gets the value of the writeUid property.

Property description:**Returns:**

the value of the writeUid property

See Also:`setWriteUid(int), writeUidProperty()`**setWriteUid**

```
public void setWriteUid(int writeUid)
```

Sets the value of the writeUid property.

Property description:**Parameters:**

writeUid - the value for the writeUid property

See Also:`getWriteUid(), writeUidProperty()`**nameProperty**

```
public javafx.beans.property.StringProperty nameProperty()
```

Obtener el nombre del formato.

Returns:

El nombre del formato.

See Also:`getName(), setName(String)`**getName**

```
public String getName()
```

Gets the value of the name property.

Property description:

Obtener el nombre del formato.

Returns:

the value of the name property

See Also:

`setName(String)`, `nameProperty()`

setName

```
public void setName(String name)
```

Insertar el nombre del formato.

formatProperty

```
public javafx.beans.property.StringProperty formatProperty()
```

Obtener el formato del formato.

Returns:

El formato del formato.

See Also:

`getFormat()`, `setFormat(String)`

**getFormat**

```
public String getFormat()
```

Gets the value of the format property.

Property description:

Obtener el formato del formato.

Returns:

the value of the format property

See Also:

`setFormat(String)`, `formatProperty()`

setFormat

```
public void setFormat(String format)
```

Inseratr el nombre del formato.

orientationProperty

```
public javafx.beans.property.StringProperty orientationProperty()
```

Obtener la orientación del formato.

Returns:

La orientación del formato.

See Also:

`getOrientation()`, `setOrientation(String)`



getOrientation

```
public String getOrientation()
```

Gets the value of the orientation property.

Property description:

Obtener la orientación del formato.

Returns:

the value of the orientation property

See Also:

`setOrientation(String)`,
`orientationProperty()`

setOrientation

```
public void setOrientation(String orientation)
```

Insertar la orientación del formato.

defaultProperty

```
public javafx.beans.property.BooleanProperty defaultProperty()
```

Returns:

the default property

See Also:

`isDefault()`, `setDefault(boolean)`



isDefault

```
public boolean isDefault()
```

Gets the value of the default property.

Property description:

Returns:

the value of the default property

See Also:

`setDefault(boolean)`, `defaultProperty()`

setDefault

```
public void setDefault(boolean defecto)
```

Sets the value of the default property.

Property description:**Parameters:**

defecto - the value for the default property

See Also:

`isDefault()`, `defaultProperty()`

headerLineProperty

```
public javafx.beans.property.BooleanProperty headerLineProperty()
```

Returns:

the headerLine property

See Also:

`isHeaderLine()`, `setHeaderLine(boolean)`

**isHeaderLine**

```
public boolean isHeaderLine()
```

Gets the value of the headerLine property.

Property description:**Returns:**

the value of the headerLine property

See Also:

`setHeaderLine(boolean)`, `headerLineProperty()`

setHeaderLine

```
public void setHeaderLine(boolean headerLine)
```

Sets the value of the headerLine property.

Property description:

Parameters:

headerLine - the value for the headerLine property

See Also:

`isHeaderLine()`, `headerLineProperty()`

disableShrinkingProperty

```
public javafx.beans.property.BooleanProperty disableShrinkingProperty()
```

Returns:

the disableShrinking property

See Also:

`isDisableShrinking()`,
`setDisableShrinking(boolean)`

isDisableShrinking

```
public boolean isDisableShrinking()
```

Gets the value of the disableShrinking property.

Property description:**Returns:**

the value of the disableShrinking property

See Also:

`setDisableShrinking(boolean)`,
`disableShrinkingProperty()`

setDisableShrinking

```
public void setDisableShrinking(boolean disableShrinking)
```

Sets the value of the disableShrinking property.

Property description:**Parameters:**

disableShrinking - the value for the disableShrinking property

See Also:

`isDisableShrinking()`,
`disableShrinkingProperty()`

createDateProperty

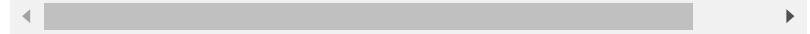
```
public javafx.beans.property.ObjectProperty<Timestamp> createDateProperty()
```

Returns:

the createDate property

See Also:

[getCreateDate\(\)](#), [setCreateDate\(Timestamp\)](#)



getCreateDate

```
public Timestamp getCreateDate()
```

Gets the value of the createDate property.

Property description:**Returns:**

the value of the createDate property

See Also:

[setCreateDate\(Timestamp\)](#),
[createDateProperty\(\)](#)

setCreateDate

```
public void setCreateDate  
(Timestamp createDate)
```

Sets the value of the createDate property.

Property description:**Parameters:**

createDate - the value for the createDate property

See Also:

[getCreateDate\(\)](#), [createDateProperty\(\)](#)

writeDateProperty

```
public javafx.beans.property.ObjectProperty<Timestamp> writeDateProperty()
```

Returns:

the writeDate property

See Also:

[getWriteDate\(\)](#), [setWriteDate\(Timestamp\)](#)



getWriteDate

```
public Timestamp getWriteDate()
```

Gets the value of the writeDate property.

Property description:**Returns:**

the value of the writeDate property

See Also:

```
setWriteDate(Timestamp), writeDateProperty()
```

setWriteDate

```
public void setWriteDate(Timestamp writeDate)
```

Sets the value of the writeDate property.

Property description:**Parameters:**

writeDate - the value for the writeDate property

See Also:

```
getWriteDate(), writeDateProperty()
```

marginTopProperty

```
public javafx.beans.property.DoubleProperty marginTopProperty()
```

Obtener el margen superior del formato.

Returns:

El margen superior del formato.

See Also:

```
getMarginTop(), setMarginTop(double)
```



getMarginTop

```
public double getMarginTop()
```

Gets the value of the marginTop property.

Property description:

Obtener el margen superior del formato.

Returns:

the value of the marginTop property

See Also:`setMarginTop(double), marginTopProperty()`**setMarginTop**

```
public void setMarginTop(double marginTop)
```

Inserta el margen superior del formato.

marginBottomProperty

```
public javafx.beans.property.DoubleProperty marginBottomProperty()
```

Obtener el margen inferior del formato.

Returns:

El margen inferior del formato.

See Also:`getMarginBottom(), setMarginBottom(double)`**getMarginBottom**

```
public double getMarginBottom()
```

Gets the value of the marginBottom property.

Property description:

Obtener el margen inferior del formato.

Returns:

the value of the marginBottom property

See Also:`setMarginBottom(double),
marginBottomProperty()`**setMarginBottom**

```
public void setMarginBottom(  
double marginBottom)
```

Insertar el margen inferior del formato.

marginLeftProperty

```
public javafx.beans.property.DoubleProperty marginLeftProperty()
```

Obtener el margen izquierdo del formato.

Returns:

El margen izquierdo del formato.

See Also:

`getMarginLeft()`, `setMarginLeft(double)`

getMarginLeft

```
public double getMarginLeft()
```

Gets the value of the `marginLeft` property.

Property description:

Obtener el margen izquierdo del formato.

Returns:

the value of the `marginLeft` property

See Also:

`setMarginLeft(double)`, `marginLeftProperty()`

setMarginLeft

```
public void setMarginLeft(double marginLeft)
```

Insertar el margen izquierdo del formato.

marginRightProperty

```
public javafx.beans.property.DoubleProperty marginRightProperty()
```

Obtener el margen derecho del formato.

Returns:

El margen derecho del formato.

See Also:

`getMarginRight()`, `setMarginRight(double)`

getMarginRight

```
public double getMarginRight()
```

Gets the value of the `marginRight` property.

Property description:

Obtener el margen derecho del formato.

Returns:

the value of the `marginRight` property

See Also:

```
setMarginRight(double),  
marginRightProperty()
```

setMarginRight

```
public void setMarginRight(double marginRight)
```

Insertar el margen derecho del formato.