

Java class **JDBCMetaData**

JDBCMetaData class

- `public JDBCMetaData();`
- `public void initialiseParameters();`
- `public String buttonPressed(String buttonName) throws Exception;`

JDBCMetaData

- `protected final void addParameter(Parameter p);`
- `public void setParameterValue(String key, Object value);`
- `public final Object getParameterValue(String key);`
- `public boolean isParameterRequired(String key);`
- `public boolean hasDependentParameters(String key);`

**public JDBCMetaData(); (Constructor)**

constructor

sourceName	Twitter Connector
sourceCode	TWITTER_CONNECTOR
driverName	classcom.code.TwitterConnector
sourceType	<b>DBType.THIRDPARTY</b>

```
public SkiTeamMetaData() {  
  
    super();  
  
    sourceName = "Ski Team Source";  
    sourceCode = "SKI_DATA_SOURCE";  
    driverName = SkiTeamDataSource.class.getName();  
    sourceType = DBType.THIRD_PARTY;  
  
}
```

**public void initialiseParameters();**

**addParameter()**

```
public void initialiseParameters() {

    super.initialiseParameters();

    addParameter(new Parameter("HELP", "Connection Details", "Text", TYPE_NUMERIC, DISPLAY_STATIC_TEXT,
    null, true));

    Parameter p = new Parameter("URL", "1. Request Access PIN", "Connect to twitter to receive a PIN for
data access",TYPE_UNKNOWN, DISPLAY_URLBUTTON, null, true);
    p.addOption("BUTTONTEXT", "Request URL");
    p.addOption("BUTTONURL", "http://google.com");
    addParameter(p);

    addParameter(new Parameter("PIN", "2. Enter PIN", "Enter the PIN recieved from Twitter", TYPE_NUMERIC,
DISPLAY_TEXT_MED, null, true));

    p = new Parameter("POSTPIN", "3. Validate Pin", "Validate the PIN", TYPE_TEXT, DISPLAY_BUTTON, null,
true);
    p.addOption("BUTTONTEXT", "Validate PIN");
    addParameter(p);

    addParameter(new Parameter("ACCESSTOKEN", "Access Token", "AccessToken that allows access to the
Twitter API", TYPE_TEXT, DISPLAY_PASSWORD, null, true));

    addParameter(new Parameter("ACCESSTOKENSECRET", "Access Token Secret", "AccessToken Password that
allows access to the Twitter API", TYPE_TEXT, DISPLAY_PASSWORD, null, true));

}
```

**protected final void addParameter(Parameter p);**

uniqueKey	
displayName	
description	

defaultValue	
displayType	<a href="#">DisplayType</a>
dataType	<a href="#">DataType</a>

ClassconstructorJava

```
Parameter p = new Parameter("URL", " Access PIN", "Connect to twitter to receive a PIN for data access",
TYPE_UNKNOWN, DISPLAY_URLBUTTON, null, true);

p.addOption("BUTTONTEXT", "Request URL");
p.addOption("BUTTONURL", "http://google.com");
addParameter(p);
```

**public String buttonPressed(String buttonName) throws Exception;**

UlbuttonName

*setParameterValue(String key, String value)*

**public void setParameterValue(String key, Object value);**

**public final Object getParameterValue(String key);**

**public boolean isParameterRequired(String key);**

**isParameterRequired()**

```
public boolean isParameterRequired(String key) {  
    if ("DOMAIN".equals(key)) {  
        if ("SQL".equals(getParameterValue("WINDOWSAUTH"))) {  
            return false;  
        }  
    }  
    return true;  
}
```

**public boolean hasDependentParameters(String key);**

true