

# XDataSet5 JAVA API Reference

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# XDataSet5 JAVA API Reference

## XDataSet Class

### Constructor

XDataSet5 (HttpRequest, HttpResponse)	<ul style="list-style-type: none"> <li>Page Request/Response</li> <li>HttpRequest HttpResponse</li> </ul>
XDataSet5 (String)	<ul style="list-style-type: none"> <li>Request</li> <li>"XDATASET5"</li> <li>HttpResponse SetHttpResponse xDataSet</li> </ul>
XDataSet5 (HttpResponse)	<ul style="list-style-type: none"> <li>Response</li> </ul>
XDataSet5 ()	<ul style="list-style-type: none"> <li>Response</li> <li>HttpResponse SetHttpResponse</li> </ul>

### Methods

getColumnCount	Request
getColumnNames	Request Vector
getColumnNamesArray	Request Array
getData	Request
getDataSetNames	Request Vector

getDataSetNamesArray	Request	Array
getDataSetType		
getDoubleData	Request	double
getFloatData	Request	float
getFullVersion	XDataSet	Full Version
getIntData	Request	int
getLongData	Request	long
getOutputColumnNames		Vector
getOutputColumnNamesArray		
getOutputColumnCount		
getOutputData		
getOutputDataSetNamesArray	Response	Array
getOutputRecordCount		
getRecordCount	Request	
getRecordKey	Request	Record
getRecordType	Request	
getReturnByteArrayData		
getReturnStringData		
getScreenNo	Request	URL
getTerminalIpAddress	Request	IP
getTransactionCode	Request	
getTransactionHeader	Request	
getTransactionMapId	Request	ID
getUserHeader	Request	
getXDataSetOutputString	Response	
getVersion	XDataSet	Version
isDeleteRecord		가
isInsertRecord		가 가
isUpdateRecord		가
returnData		
returnPartData		(First-Row )
setCharacterSet		Character Set
setColumnNames		
setData		
setDataSetName		
setDataSetNames		
setDoubleData		Double
setErrorMessage		
setFloatData		Float
setIntData		Int
setLongData		Long
setMessage		
setHttpResponse	Response	HttpResponse
setRecordKey		Record

setUserHeader	
eplaceHTMLTagFilter	

## XDataSet API

### getColumnCount

#### Prototype

```
int getColumnCount(String sXDataSetName);
```

#### Parameter

Type	Name	
String	sXDataSetName	

#### Return Value

Type	Name	
Int	nColumnCount	

#### Description

Request

#### Sample

```
int nColumnCount = xDataSet.getColumnCount("INPUT_DATASET");
```

#### See Also

```
getRecordCount, getColumnNames, getColumnNamesArray
```

### getColumnNames

#### Prototype

```
Vector getColumnNames (String sXDataSetName);
```

**Parameter**

Type	Name	
String	sXDataSetName	

**Return Value**

Type	Name	
Vector	columnNamesVector	Vector

**Description**

Request Vector .

**Sample**

```
Vector columnNamesVector = null;
columnNamesVector = xDataSet.getColumnNames("INPUT_DATASET");
for(int i = 0; i < columnNamesVector.size(); i++) {
    System.out.println((String)columnNamesVector.get(i));
}
```

**See Also**

getColumnNamesArray

**getColumnNamesArray**

**Prototype**

```
String[] getColumnNamesArray (String sXDataSetName);
```

**Parameter**

Type	Name	
String	sXDataSetName	

**Return Value**

Type	Name	
String[]	columnNamesArray	

**Description**

Request

### Sample

```
String[] columnNamesArray = null;
columnNamesArray = xDataSet.getColumnNamesArray("INPUT_DATASET");
for(int i = 0; i < columnNamesArray.length; i++) {
    System.out.println((String)columnNamesArray[i]);
}
```

### See Also

getColumnNames

### getData

### Prototype

```
String getData(String sDataSetName, String sColumnName, int nRecordIndex);
String getData(String sDataSetName, int nColumnIndex, int nRecordIndex);
```

### Parameter

Type	Name	
String	sXDataSetName	
String	sColumnName	
int	nRecordIndex	
int	nColumnIndex	

### Return Value

Type	Name	
String	sDataValue	

### Description

Request

- double : getDoubleData(String sDataSetName, String sColumnName, int nRecordIndex);
- float : getFloatData(String sDataSetName, String sColumnName, int nRecordIndex);
- int : getIntData(String sDataSetName, String sColumnName, int nRecordIndex);
- long : getLongData(String sDataSetName, String sColumnName, int nRecordIndex);



## Sample

```
String[] columnNamesArray = null;
int columnCount = 0;
int recordCount = 0;
int recordIndex = 0;
int columnIndex = 0;

// Get Record, Column Count
recordCount = xDataSet.getRecordCount("INPUT_DATASET");
columnCount = xDataSet.getColumnCount("INPUT_DATASET");

// Get Column Names Array
columnNamesArray = xDataSet.getColumnNamesArray("INPUT_DATASET");

// Get Data By Column Name
for(recordIndex = 0; recordIndex < recordCount; recordIndex++) {
    for(columnIndex = 0; columnIndex < columnCount; columnIndex++) {
        System.out.println(xDataSet.getData("INPUT_DATASET",
columnNamesArray[columnIndex], recordIndex));
    }
}

// Get Data By Column Index
for(recordIndex = 0; recordIndex < recordCount; recordIndex++) {
    for(columnIndex = 0; columnIndex < columnCount; columnIndex++) {
        System.out.println(xDataSet.getData("INPUT_DATASET", columnIndex,
recordIndex));
    }
}
```

## See Also

getDoubleData, getFloatData, getIntData, getLongData

## getDataSetNames

### Prototype

```
Vector getDataSetNames()
```

### Parameter

Type	Name	



```

dataSetNamesArray = xDataSet.getDataSetNamesArray();
for(int i = 0; i < dataSetNamesArray.length; i++) {
    System.out.println((String)dataSetNamesArray[i]);
}

```

## See Also

getDataSetNames

## getDataSetType

### Prototype

```
String getDataSetType(String sDataSetName);
```

### Parameter

Type	Name	
String	sDataSetName	

### Return Value

Type	Name	
String	sDataSetType	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>XDataSet.XDATA_INOUT : Request/Response</li> <li>•</li> <li>XDataSet.XDATA_INPUT : Request</li> <li>•</li> <li>XDataSet.XDATA_OUTPUT : Response</li> </ul>

### Description

Transaction IO Map /

### Sample

```

String[] dataSetNamesArray = null;

System.out.println(XDataSet.XDATA_OUTPUT);
System.out.println(XDataSet.XDATA_INPUT);
System.out.println(XDataSet.XDATA_INOUT);

```

```

datasetNamesArray = xDataSet.getDataSetNamesArray();
for(int i = 0; i < datasetNamesArray.length; i++) {
    System.out.println(xDataSet.getDataSetType(datasetNamesArray[i]));
}
    
```

**See Also**

**getDoubleData**

**Prototype**

```

double getDoubleData(String sDataSetName, String sColumnName, int
nRecordIndex);
double getDoubleData(String sDataSetName, int nColumnIndex, int
nRecordIndex);
    
```

**Parameter**

Type	Name	
String	sDataSetName	
String	sColumnName	
int	nRecordIndex	

**Return Value**

Type	Name	
double	dDataValue	double

**Description**

Request                      Double                      .

**Sample**

```

String[] columnNamesArray = null;
int columnCount = 0;
int recordCount = 0;
int recordIndex = 0;
int columnIndex = 0;

// Get Record, Column Count
recordCount = xDataSet.getRecordCount("INPUT_DATASET");
columnCount = xDataSet.getColumnCount("INPUT_DATASET");
    
```

```
// Get Column Names Array
columnNamesArray = xDataSet.getColumnNamesArray("INPUT_DATASET");

// Get Data By Column Name
for(recordIndex = 0; recordIndex < recordCount; recordIndex++) {
    for(columnIndex = 0; columnIndex < columnCount; columnIndex++) {
        System.out.println(xDataSet.getDoubleData("INPUT_DATASET",
columnNamesArray[columnIndex], recordIndex));
    }
}
```

## See Also

getData, getFloatData, getIntData, getLongData

## getFloatData

### Prototype

```
float getFloatData(String sDataSetName, String sColumnName, int
nRecordIndex);
float getFloatData(String sDataSetName, int nColumnIndex, int nRecordIndex);
```

### Parameter

Type	Name	
String	sDataSetName	
String	sColumnName	
int	nRecordIndex	

### Return Value

Type	Name	
float	fDataValue	float

### Description

Request                      Double                      .

### Sample

```
String[] columnNamesArray = null;
int columnCount = 0;
int recordCount = 0;
```

```

int recordIndex = 0;
int columnIndex = 0;

// Get Record, Column Count
recordCount = xDataSet.getRecordCount("INPUT_DATASET");
columnCount = xDataSet.getColumnCount("INPUT_DATASET");

// Get Column Names Array
columnNamesArray = xDataSet.getColumnNamesArray("INPUT_DATASET");

// Get Data By Column Name
for(recordIndex = 0; recordIndex < recordCount; recordIndex++) {
    for(columnIndex = 0; columnIndex < columnCount; columnIndex++) {
        System.out.println(xDataSet.getFloatData("INPUT_DATASET",
columnNamesArray[columnIndex], recordIndex));
    }
}

```

## See Also

getData, getDoubleData, getIntData, getLongData

## getFullVersion

### Prototype

```
String getFullVersion()
```

### Parameter

Type	Name	

### Return Value

Type	Name	
String	sFullVersion	XDataSet Full

### Description

XDataSet XDataSet static .

### Sample

```
System.out.println("FULL VER = " + XDataSet.getFullVersion());
```

## See Also

getVersion

## getIntData

### Prototype

```
int getIntData(String sDataSetName, String sColumnName, int nRecordIndex);
int getIntData(String sDataSetName, int nColumnIndex, int nRecordIndex)
```

### Parameter

Type	Name	
String	sDataSetName	
String	sColumnName	
int	nRecordIndex	

### Return Value

Type	Name	
int	nDataValue	int

### Description

Request                      Double                      .

### Sample

```
String[] columnNamesArray = null;
int columnCount = 0;
int recordCount = 0;
int recordIndex = 0;
int columnIndex = 0;

// Get Record, Column Count
recordCount = xDataSet.getRecordCount("INPUT_DATASET");
columnCount = xDataSet.getColumnCount("INPUT_DATASET");

// Get Column Names Array
columnNamesArray = xDataSet.getColumnNamesArray("INPUT_DATASET");

// Get Data By Column Name
for(recordIndex = 0; recordIndex < recordCount; recordIndex++) {
    for(columnIndex = 0; columnIndex < columnCount; columnIndex++) {
```

```

        System.out.println(xDataSet.getIntData("INPUT_DATASET",
columnNamesArray[columnIndex], recordIndex));
    }
}
    
```

**See Also**

getData, getDoubleData, getFloatData, getLongData

**getLongData**

**Prototype**

```

ong getLongData(String sDataSetName, String sColumnName, int nRecordIndex);
long getLongData(String sDataSetName, int nColumnIndex, int nRecordIndex)
    
```

**Parameter**

Type	Name	
String	sDataSetName	
String	sColumnName	
int	nRecordIndex	

**Return Value**

Type	Name	
long	IDataValuer	long

**Description**

Request                      Double                      .

**Sample**

```

String[] columnNamesArray = null;
int columnCount = 0;
int recordCount = 0;
int recordIndex = 0;
int columnIndex = 0;

// Get Record, Column Count
recordCount = xDataSet.getRecordCount("INPUT_DATASET");
columnCount = xDataSet.getColumnCount("INPUT_DATASET");

// Get Column Names Array
    
```



```

columnNamesArray = xDataSet.getColumnNamesArray("INPUT_DATASET");

// Get Data By Column Name
for(recordIndex = 0; recordIndex < recordCount; recordIndex++) {
    for(columnIndex = 0; columnIndex < columnCount; columnIndex++) {
        System.out.println(xDataSet.getIntData("INPUT_DATASET",
columnNamesArray[columnIndex], recordIndex));
    }
}

```

## See Also

getData, getDoubleData, getFloatData, getIntData

## getOutputColumnNames

### Prototype

```
Vector getOutputColumnNames (String sXDataSetName);
```

### Parameter

Type	Name	
String	sXDataSetName	

### Return Value

Type	Name	
Vector	columnNamesVector	Vector

### Description

Response

Vector

### Sample

```

Vector columnNamesVector = null;
columnNamesVector = xDataSet.getColumnNames("OUTPUT_DATASET");
for(int i = 0; i < columnNamesVector.size(); i++) {
    System.out.println((String)columnNamesVector.get(i));
}

```

## See Also

getOutputColumnNamesArray

## getOutputColumnNamesArray

### Prototype

```
String[] getOutputColumnNamesArray (String sDataSetName);
```

### Parameter

Type	Name	
String	sDataSetName	

### Return Value

Type	Name	
String[]	columnNamesArray	

### Description

Response

### Sample

```
String[] columnNamesArray = null;
columnNamesArray = xDataSet.getOutputColumnNamesArray("INPUT_DATASET");
for(int i = 0; i < columnNamesArray.length; i++) {
    System.out.println((String)columnNamesArray[i]);
}
```

## See Also

getOutputColumnNames

## getOutputData

### Prototype

```
String getOutputData(String sDataSetName, String sColumnName, int
nRecordIndex);
```

```
String getOutputData(String sDataSetName, int nColumnIndex, int nRecordIndex)
```

### Parameter

Type	Name	
String	sDataSetName	
String	sColumnName	
int	nRecordIndex	
int	nColumnIndex	

### Return Value

Type	Name	
String	sDataValue	

### Description

Response

### Sample

### See Also

getOutputColumnCount, getOutputRecordCount

## getOutputDataSetNamesArray

### Prototype

```
String[] getOutputDataSetNamesArray()
```

### Parameter

Type	Name	

### Return Value

Type	Name	
String[]	outputdataSetNamesArray	가

## Description

Response

## Sample

```
String[] outputDataSetNamesArray = null;
outputDataSetNamesArray = xDataSet5.getOutputDataSetNamesArray();
for(int i = 0; i < outputDataSetNamesArray.length; i++) {
    System.out.println((String)outputDataSetNamesArray[i]);
}
```

## See Also

getDataSetNamesArray

## getOutputRecordCount

### Prototype

```
int getOutputRecordCount(String sDataSetName)
```

### Parameter

Type	Name	
String	sDataSetName	

### Return Value

Type	Name	
int	recordCount	

## Description

Response

## Sample

```
int recordCount = 0;
recordCount = xDataSet.getOutputRecordCount("OUTPUT_DATASET");
System.out.println("Record Count = " + recordCount);
```

## See Also

getOutputData

## getRecordCount

### Prototype

```
int getRecordCount(String sDataSetName)
```

### Parameter

Type	Name	
String	sDataSetName	

### Return Value

Type	Name	
int	recordCount	

### Description

Request .

### Sample

```
int recordCount = 0;
recordCount = xDataSet.getRecordCount("INPUT_DATASET");
System.out.println("Record Count = " + recordCount);
```

## See Also

getRecordStatus, getRecordKey

## getRecordKey

### Prototype

```
String getRecordKey(String sDataSetName, int nRecordIndex)
```

## Parameter

Type	Name	
String	sDataSetName	
Int	nRecordIndex	

## Return Value

Type	Name	
String	sRecordKey	

## Description

Request

Viewer

Response

## Sample

```
int recordCount = 0;
int recordIndex = 0;

recordCount = xDataSet.getRecordCount("INPUT_DATASET");
System.out.println("Record Count = " + recordCount);

for(recordIndex = 0; recordIndex < recordCount; recordIndex++) {
    System.out.println("KEY = " + xDataSet.getRecordKey("INPUT_DATASET",
recordIndex));
}
```

## See Also

setRecordKey

==== getRecordType ====

## Prototype

```
String getRecordType(String sDataSetName, int nRecordIndex)
```

## Parameter

Type	Name	
String	sDataSetName	

Type	Name	
Int	nRecordIndex	

## Return Value

Type	Name	
String	sRecordType	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>XDataSet.XDATA_DELETE :</li> <li>•</li> <li>XDataSet.XDATA_DELETE : 가</li> <li>•</li> <li>XDataSet.XDATA_UPDATE :</li> <li>•</li> <li>XDataSet.XDATA_NONE :</li> </ul>

## Description

Request

Viewer

## Sample

```
int recordCount = 0;
int recordIndex = 0;

System.out.println(XDataSet.XDATA_DELETE);
System.out.println(XDataSet.XDATA_INSERT);
System.out.println(XDataSet.XDATA_UPDATE);
System.out.println(XDataSet.XDATA_NONE);

recordCount = xDataSet.getRecordCount("INPUT_DATASET");
System.out.println("Record Count = " + recordCount);

for(recordIndex = 0; recordIndex < recordCount; recordIndex++) {
    System.out.println("TYPE = " +
xDataSet.getRecordType("INPUT_DATASET", recordIndex));
}
```

## See Also

isDeleteRecord, isInsertRecord, isUpdateRecord

## getReturnByteArrayData

## Prototype

```
byte[] getReturnByteArrayData (String sCharSet)
```

## Parameter

Type	Name	
String	sCharSet	

## Return Value

Type	Name	
Byte[]	baReturnData	Reponse

## Description

Response

## Sample

```
byte[] returnData = xDataSet.getReturnByteArrayData("UTF-8");
```

## See Also

getReturnStringData

## getReturnStringData

## Prototype

```
String getReturnStringData ()
```

## Parameter

Type	Name	

## Return Value

Type	Name	
String	sReturnData	Reponse

## Description



Response

## Sample

```
String returnData = xDataSet.getReturnStringData();
```

## See Also

getTerminalIpAddress, getTransactionCode, getTransactionHeader, getTransactionMapId

## getScreenNo

### Prototype

```
String getScreenNo()
```

### Parameter

Type	Name	

### Return Value

Type	Name	
String	sScreenUrl	URL

### Description

Request Viewer URL .  
 URL DevStudio , 0010103  
 PSB□TLR , “/PSB/TLR/0010103”가 .  
 Viewer requestsubmit Viewer

## Sample

```
System.out.println("SCREEN NO = " + xDataSet.getScreenNo());
```

## See Also

getTerminalIpAddress, getTransactionCode, getTransactionHeader,  
getTransactionMapId

## getTerminalIpAddress

### Prototype

```
String getTerminalIpAddress()
```

### Parameter

Type	Name	

### Return Value

Type	Name	
String	slpAddrI	PC IP

### Description

Request                      PC    IP                      .                      Viewer                      requestsubmit                      Viewer

### Sample

```
System.out.println("IP ADDRESS = " + xDataSet.getTerminalIpAddress());
```

### See Also

getScreenNo, getTransactionCode, getTransactionHeader, getTransactionMapId

## getTransactionCode

### Prototype

```
String getTransactionCode()
```

### Parameter

Type	Name	

**Return Value**

Type	Name	
String	sTransactionCode	Request "trancode"

**Description**

Request "trancode" .

"trancode" "tranheader" .

Viewer .

Viewer requestsubmit Viewer

**Sample**

```
System.out.println("TR CODE = " + xDataSet.getTransactionCode());
```

**See Also**

```
getScreenNo, getTerminalIpAddress, getTransactionHeader, getTransactionMapId
```

**getTransactionHeader**

**Prototype**

```
String getTransactionHeader()
```

**Parameter**

Type	Name

**Return Value**

Type	Name	
String	sTransactionHeader	Request "tranheader"

**Description**

Request "tranheader" . "tranheader"

Viewer . Viewer requestsubmit Viewer

## Sample

```
System.out.println("TR HEADER = " + xDataSet.getTransactionHeader());
```

## See Also

getScreenNo, getTerminalIpAddress, getTransactionCode, getTransactionMapId

## getTransactionMapId

### Prototype

```
String getTransactionMapId()
```

### Parameter

Type	Name

### Return Value

Type	Name	
String	sTransactionMapId	Request Transaction Map ID

### Description

Request Transaction Map ID Transaction Map ID  
 Viewer screen requestsubmit() Viewer  
 Viewer requestsubmit Viewer

## Sample

```
System.out.println("MAP ID = " + xDataSet.getTransactionMapId());
```

## See Also

getScreenNo, getTerminalIpAddress, getTransactionCode, getTransactionHeader

## getUserHeader

### Prototype

```
String getUserHeader()
```

### Parameter

Type	Name	

### Return Value

Type	Name	
String	sUserHeader	Request

### Description

Request

requestsubmit( )

screen.setUserHeader( )

가

### Sample

```
System.out.println("USER HEADER = " + xDataSet.getUserHeader());
```

### See Also

setUserHeader

## getXDataSetOutputDataString

### Prototype

```
String getXDataSetOutputDataString ( )
```

### Parameter

Type	Name	

### Return Value

Type	Name	
String	sOutputString	Response

### Description

Response

Response

### Sample

```
System.out.println("OUTPUT = " + xDataSet.getXDataSetOutputDataString());
```

### See Also

## getVersion

### Prototype

```
String getVersion()
```

### Parameter

Type	Name	

### Return Value

Type	Name	
String	sVersion	XDataSet

### Description

XDataSet

XDataSet

static

### Sample

```
System.out.println("VER = " + XDataSet.getVersion());
```







```
boolean isUpdateRecord(String sDataSetName, int nRecordIndex)
```

### Parameter

Type	Name	
String	sDataSetName	
int	nRecordIndex	

### Return Value

Type	Name	
boolean	true/false	

### Description

Request [가](#) .

### Sample

```
int recordCount = 0;
int recordIndex = 0;

recordCount = xDataSet.getRecordCount("INPUT_DATASET");
System.out.println("Record Count = " + recordCount);

for(recordIndex = 0; recordIndex < recordCount; recordIndex++) {
    if(xDataSet.isInsertRecord("INPUT_DATASET", recordIndex)) {
        System.out.println("UPDATE RECORD");
    }
}
```

### See Also

[isDeleteRecord](#), [issInsertRecord](#)

### returnData

### Prototype

```
void returnData()
```

### Parameter

Type	Name	

## Return Value

Type	Name	

## Description

Response Viewer . 가 가  
Viewer .

## Sample

```
int recordIndex = 0;
int columnIndex = 0;
int recordCount = 10;
int columnCount = 5;

for(recordIndex = 0; recordIndex < recordCount; recordIndex++) {
    for(columnIndex = 0; columnIndex < columnCount; columnIndex++) {
        xDataSet.setData("OUTPUT_DATASET", "COL_" + columnIndex,
            recordIndex, "DATA_" + recordIndex + "_" + columnIndex);
    }
}

xDataSet.returnData();
```

## See Also

returnPartData

## returnPartData

## Prototype

```
String getTransactionMapId()
```

## Parameter

Type	Name	

## Return Value

Type	Name	

## Description

	Response	Viewer
	가	.
returnData		.
returnData 가	returnPartData	.

## Sample

```

int recordIndex = 0;
int columnIndex = 0;
int recordCount = 10;
int columnCount = 5;

for(recordIndex = 0; recordIndex < recordCount; recordIndex++) {
    for(columnIndex = 0; columnIndex < columnCount; columnIndex++) {
        xDataSet.setData("OUTPUT_DATASET", "COL_" + columnIndex,
            recordIndex, "DATA_" + recordIndex + "_" + columnIndex);
    }

    // Return Part Data Per 10 Records
    if((recordIndex % 10) == 0) {
        xDataSet.returnPartData();
        Thread.sleep(2000); // For Test, Sleep For 2 Seconds
    }
}

xDataSet.returnData();

```

## See Also

returnData

## setCharacterSet

### Prototype

```
void setCharacterSet(String sCharacterSet)
```

### Parameter

Type	Name	
String	sCharacterSet	Character Set

## Return Value

Type	Name	

## Description

Response Viewer Character Set .  
 Character Set "EUC-KR" , Character Set

## Sample

```
int recordIndex = 0;
int columnIndex = 0;
int recordCount = 10;
int columnCount = 5;

for(recordIndex = 0; recordIndex < recordCount; recordIndex++) {
    for(columnIndex = 0; columnIndex < columnCount; columnIndex++) {
        xDataSet.setData("OUTPUT_DATASET", "COL_" + columnIndex,
            recordIndex, "HANGUL_DATA_" + recordIndex + "_" + columnIndex);
    }
}

xDataSet.setCharacterSet("UTF-8");

xDataSet.returnData();
```

## See Also

returnData, returnPartData

## setColumnNames

## Prototype

```
void setColumnNames(string sDataSetName, String[] saColumnNames)
void setColumnNames(string sDataSetName, Vector vColumnNames)
```



```
xDataSet.returnData();
```

**See Also**

SetDataSetName, SetDataSetNames

**setData**

**Prototype**

```
void setData(string sDataSetName, String sColumnName, int nRecordIndex,
String sValue);
void setData(string sDataSetName, int nColumnIndex, int nRecordIndex, String
sValue)
```

**Parameter**

Type	Name	
String	sDataSetName	Resposne
String	sColumnName	Resposne
int	nRecordIndex	
String	sValue	

**Return Value**

Type	Name	

**Description**

Response Viewer . ReturnPartData ReturnData

xDataSet 가 Response SetData  
SetDataSetName, SetColumnNames Response

**Sample**

```
String valueString = 3;
xDataSet.setData("OUTPUT_DATASET", "COLUMN_STRING", recordIndex,
valueString);
xDataSet.returnData();
```



```
void setDataSetNames(Vector vDataSetNames)
```

**Parameter**

Type	Name	
String[]	saDataSetNames	Response
Vector	vDataSetNames	Vector

**Return Value**

Type	Name

**Description**

Response 가 . XDataSet Response  
 Response

HttpRequest, HttpResponse

**Sample**

```
String[] saDataSetNames = new String[2];
saDataSetNames[0] = "OUTPUT_DATASET_1";
saDataSetNames[1] = "OUTPUT_DATASET_2";
xDataSet.SetDataSetNames(saDataSetNames);
```

**See Also**

SetDataSetName, SetColumnNames

**setDoubleData**

**Prototype**

```
void setDoubleData(string sDataSetName, String sColumnName, int nRecordIndex, double dValue);
void setDoubleData(string sDataSetName, int nColumnIndex, int nRecordIndex, double dValue)
<code java>
```

```
=== Parameter ===
|< 100% 100px 200px - >|
^ Type ^ Name ^ ^
```



```

| String | sDataSetName | Resposne |
| String | sColumnName | Resposne |
| int | nRecordIndex | |
| String | sValue | |

=== Return Value ===
|< 100% 100px 200px - >|
^ Type ^ Name ^ ^
| | | |

=== Description ===
Response

ReturnPartData ReturnData Viewer

xDataSet 가 Response SetData
SetDataSetName, SetColumnNames Response

=== Sample ===
<code java>
double valueDouble = 3;

xDataSet.setFloatData("OUTPUT_DATASET", "COLUMN_DOUBLE", recordIndex,
valueDouble);

xDataSet.returnData();

```

**See Also**

setData, setIntData, setFloatData, setLongData

**setErrorMessage**

**Prototype**

```
void setErrorMessage(String sErrCode, String sMessage);
```

**Parameter**

Type	Name	
String	sErrCode	
String	sMessage	

**Return Value**

Type	Name	

## Description

Request 가 , Viewer

가 ReturnData , on\_submit\_complete  
 rcv\_code rcv\_msg , result " 0 " . sErrCode  
 sMessage 가 가 .

## Sample

```
string sErrCode = "ER0001";
string sMessage = "Invalid Data Format";

xDataSet.SetErrorMessage(sErrCode, sMessage);
xDataSet.ReturnData();
```

## See Also

setMessage, returnData

## setFloatData

### Prototype

```
void setFloatData(String sDataSetName, String sColumnName, int nRecordIndex,
float fValue);
void setFloatData(String sDataSetName, int nColumnIndex, int nRecordIndex,
float fValue)
```

### Parameter

Type	Name	
String	sDataSetName	Resposne
String	sColumnName	Resposne
int	nRecordIndex	
String	sValue	

### Return Value

Type	Name	

### Description

Response

ReturnPartData

ReturnData

Viewer

xDataSet

가 Response

SetData

SetDataSetName, SetColumnNames

Response

### Sample

```
float valueFloat = 3;

xDataSet.setFloatData("OUTPUT_DATASET", "COLUMN_FLOAT", recordIndex,
valueFloat);

xDataSet.returnData();
```

### See Also

setData, setDoubleData, setIntData, setLongData

### setIntData

### Prototype

```
void setIntData(String sDataSetName, String sColumnName, int nRecordIndex,
int nValue);
void setIntData(String sDataSetName, int nColumnIndex, int nRecordIndex, int
nValue)
```

### Parameter

Type	Name	
String	sDataSetName	Resposne
String	sColumnName	Resposne
int	nRecordIndex	
String	sValue	

### Return Value

Type	Name	

### Description

Response

	ReturnPartData	ReturnData	Viewer	.
xDataSet	가 Response		SetData	
SetDataSetName, SetColumnNames			Response	.

**Sample**

```
int valueInt = 3;

xDataSet.setFloatData("OUTPUT_DATASET", "COLUMN_DOUBLE", recordIndex,
valueInt);

xDataSet.returnData();
```

**See Also**

setData, setDoubleData, setFloatData, setLongData

**setLongData**

**Prototype**

```
void setLongData(String sDataSetName, String columnName, int nRecordIndex,
long lValue);
void setLongData(String sDataSetName, int nColumnIndex, int nRecordIndex,
long lValue)
```

**Parameter**

Type	Name	
String	sDataSetName	Resposne
String	sColumnName	Resposne
int	nRecordIndex	
String	sValue	

**Return Value**

Type	Name	

**Description**

Response

	ReturnPartData	ReturnData	Viewer	.
--	----------------	------------	--------	---



```
xDataSet.SetErrorMessage(sMsgCode, sMessage);
xDataSet.ReturnData();
```

## See Also

setMessage, setUserHeader, returnData

## setHttpResponse

### Prototype

```
void setHttpResponse(HttpResponse oHttpRsp)
```

### Parameter

Type	Name	
HttpResponse	oHttpRsp	HttpResponse

### Return Value

Type	Name	

### Description

Response Viewer HttpResponseMessage

XDataSet Response Response

HttpRequest, HttpResponseMessage 가 .

### Sample

```
xDataSet.setHttpResponse(httpResponse);
```

## See Also

returnData, returnPartData

## setRecordKey

### Prototype

```
void setRecordKey(string sDataSetName, int nRecordIndex, String sRecordKey)
```

### Parameter

Type	Name	
String	sDataSetName	Resposne
Int	nRecordIndex	
String	sRecordKey	

### Return Value

Type	Name	

### Description

Response

I/O  
가 "UPDATE" , Viewer 가  
GetRecordKey I/O  
"CLEAR" 가  
Viewer RecordKey 가 , 가

### Sample

```
int nRecordIndex = 0;
String sRecordKey:

sRecordKey = xDataSet.getRecordKey("INPUT_DATASET", nRecordIndex);
xDataSet.setData("OUTPUT_DATASET", "COLUMN_UPDATE", nRecordIndex,
"UPDATE_DATA");
xDataSet.setRecordKey("OUTPUT_DATASET", nRecordIndex, sRecordKey);
```

### See Also

getRecordKey

## setUserHeader

### Prototype

```
void setUserHeader(String sUserHeader);
```

### Parameter

Type	Name	
String	sUserHeader	

### Return Value

Type	Name	

### Description

Response `on_submit_complete`, Viewer `recv_userheader`.

### Sample

```
String sUserHeader = "USER_HEADER_DATA";
xDataSet.setUserHeader(xUserHeader);
xDataSet.returnData();
```

### See Also

`returnData`, `getUserHeader`

## replaceHTMLTagFilter

### Prototype

```
static String replaceHTMLTagFilter(String strData);
```

### Parameter

Type	Name	
String	strData	XDataSet



## Return Value

Type	Name	
String	strData	XDataSet

## Description

Request

5 가

- &lt; ; <
- &gt; ; >
- &amp; ; &
- &apos; ; '
- &quot; ; "

## Sample

```
String input = "&lt;script&gt;alert(&apos;XSS&apos;);&lt;/script&gt;";
String output = XDataSet5.replaceHTMLTagFilter(input);
System.out.println(output); // <script>alert('XSS');</script>
```

## See Also

getData

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