

XDataSet5 JAVA API Reference

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XDataSet5 JAVA API Reference

XDataSet Class

Constructor

XDataSet5 (HttpRequest, HttpResponse)	• Page Request/Response . • HttpRequest HttpResponse . • . 가 .
XDataSet5 (String)	• Request . • . • "XDATASET5" . • . • HttpResponse SetHttpResponse xDataSet . • . 가 .
XDataSet5 (HttpResponse)	• Response . • .
XDataSet5 ()	• Response . • . • HttpResponse SetHttpResponse . • .

Methods

getColumnCount	Request .
getColumnNames	Request Vector .
getColumnNamesArray	Request Array .
getData	Request .
getDataSetNames	Reqeust 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 HttpResponseMessage
setRecordKey	Record .

setUserHeader	
replaceHTMLTagFilter	

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 getDataSetNmes()
```

Parameter

Type	Name	

Return Value

Type	Name	
Vector	dataSetNamesVector	가 Vector

Description

Request Response Vector .

Sample

```
Vector dataSetNamesVector = null;
dataSetNamesVector = xDataSet.getDataSetNames();
for(int i = 0; i < dataSetNamesVector.size(); i++) {
    System.out.println((String)dataSetNamesVector.get(i));
}
```

See Also

getDataSetNamesArray

getDataSetNamesArray

Prototype

```
String[] getDataSetNamesArray()
```

Parameter

Type	Name	

Return Value

Type	Name	
String[]	dataSetNamesArray	가

Description

Request .

Sample

```
String[] dataSetNamesArray = null;
```

```
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	• • • XDataSet.XDATA_INOUT : Request/Response • XDataSet.XDATA_INPUT : Request • XDataSet.XDATA_OUTPUT : Response

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

```
long 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
```


See Also

getOutputColumnNamesArray

getOutputColumnNamesArray

Prototype

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

Parameter

Type	Name	
String	sXDataSetName	

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	• • • XDataSet.XDATA_DELETE : • XDataSet.XDATA_DELETE : 가 • • XDataSet.XDATA_UPDATE : • • XDataSet.XDATA_NONE :

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 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());
```


isInsertRecord

Prototype

```
bool isInsertRecord(String sDataSetName, int nRecordIndex)
```

Parameter

Type	Name	
String	sDataSetName	
int	nRecordIndex	

Return Value

Type	Name	
boolean	true/false	가

Description

Request 가 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("INSERT RECORD");
    }
}
```

See Also

isDeleteRecord, IsUpdateRecord

isUpdateRecord

Prototype

```
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)
```

Parameter

Type	Name	
String	sDataSetName	
String[] Vector	saColumnNames vColumnNames	Resposne Vector

Return Value

Type	Name	

Description

XDataSet Response , Response Response
 . XDataSet Response
 , setColumnNames() ,
setDataSetName() setDataSetNames() .

HttpRequest, HttpResponse .

Sample

```
int recordIndex = 0;
int columnIndex = 0;
int recordCount = 20;
int columnCount = 0;

// Create New XDataSet Object For Output
XDataSet xDataSet = new XDataSet();

// Set HTTP Response Object
xDataSet.setHttpResponse(httpRsp);

String[] saColumnNames = new String[2];
saColumnNames[0] = "OUTPUT_COLUMN_1";
saColumnNames[1] = "OUTPUT_COLUMN_2";
columnCount = saColumnNames.length;

xDataSet.setDataSetName("OUTPUT_DATASET");
xDataSet.setColumnNames("OUTPUT_DATASET", saColumnNames);

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

```
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
SetDataSetName, SetColumnNames

SetData
Response

Sample

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



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

Parameter

Type	Name	
String[] Vector	saDataSetNames vDataSetNames	Resposne Vector

Return Value

Type	Name	

Description

Response
Response

가 . XDataSet . 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
recv_code recv_msg ReturnData , on_submit_complete
sMessage 가 , result “ 0 ” .sErrCode
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, SetColumnName		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 가 Response
SetDataSetName, SetColumnNames

SetData
Response

.

Sample

```
long valueLong = 3;

xDataSet.setFloatData("OUTPUT_DATASET", "COLUMN_LONG", recordIndex,
valueLong);

xDataSet.returnData();
```

See Also

setData, setDoubleData, setIntData, setFloatData

setMessage

Prototype

```
void setMessage(string sMsgCode, string sMessage);
```

Parameter

Type	Name	
String	sMsgCode	
String	sMessage	

Return Value

Type	Name	

Description

Request 가 , Viewer 가

.

가 ReturnData , on_submit_complete
recv_code recv_msg .

Sample

```
String sMsgCode = "INFO_0001";
String sMessage = "Success";
```

```
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, HttpResponse 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 , Viewer .
on_submit_complete 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 .

- < : <
- > : >
- & : &
- ' : '
- " : "

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

From:

<http://technet.softbase.co.kr/wiki/> - **xFrame5 TechNet**

Permanent link:

http://technet.softbase.co.kr/wiki/guide/general/xdataset5_java_api_guide



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