# Offline Help Files

# 6.04.05.03 JTableControl

The JTableControl is used to create and manipulate Offline screen table controls. It constructs a new table control using the caption, row number and position information. The syntax is as follows:

```
JTableControl(strCaption,iRowNum,iRow,iLeft,iBottom,iRight);
```

An example of a new JTableControl is shown below:

```
objTableControl = new JTableControl(strCaption,iRowNum,iRow,iBottom,iRight);
```

The JTableControl is associated with the following methods.

**SetColumnAttributes**

This method sets the attributes for the table control's columns, including title, field names, length, type, width, and state. The syntax is as follows:

```
JTableControl.SetColumnAttributes(strTitle,strFieldName,iLength,iType,iWidth,iState);
```

An example is as follows:

```
objTableControl.SetColumnAttributes(strTitle,strFieldName,iLength,iType,iWidth,iState);
```

**SetCellData**

This method sets the values for the table cells. Values set are the row, column and actual value contained in the cell. The syntax is as follows:

```
JTableControl.SetCellData(row,col,strValue);
```

An example is as follows:

```
objTableControl.SetCellData(1,1,"value");
```



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### GetCellData

This method is used to get the data values from a given cell in a table control. There are two possible syntaxes - using the row and column values or using the row and field name. These are both shown below:

```
JTableControl.GetCellData(iRow,iCol);
JTableControl.GetCellData(iRow,strFieldName);
JTableControl.GetCellData(iRow,iCol);
JTableControl.GetCellData(iRow,strFieldName);
```

Examples are as follows:

```
strValue = objTableControl.GetCellData(1,2);
strValue = objTableControl.GetCellData(1,"field_name");
```

### SelectAllRows

This method selects all rows in a given table control. It has the following parameters:

- iFlag=1: Select all rows
- iFlag=0: Deselect all rows

The syntax is as follows:

```
JTableControl.SelectAllRows(iFlag);
```

An example is shown below:

```
objTableControl.SelectAllRows(1);
```

### SetRowsSelectable

This method makes a given row in a table control selectable. This method takes the following optional parameter 'iFlag'. If the parameter is omitted, iFlag is automatically set to '1'. The possible settings are:

• iFlag=1: Make row selectable.

• iFlag=0: Make row unselectable.


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The syntax is as follows:

```
JTableControl.SetRowSelectable(iRow,iFlag);
```

An example is shown below:

```
objTableControl.SetRowSelectable(1,1);
```

### GetRowNumber

This method returns the number of rows in a given table control. The syntax is as follows:

```
JTableControl.GetRowNumber( );
```

An example is below:

```
iRowNumber = objTableControl.GetRowNumber( );
```

### GetColNumber

This method returns the number of columns in a given table control. The syntax is as follows:

```
JTableControl.GetColNumber( );
```

An example is below:

```
iColNumber = objTableControl.GetColNumber( );
```

### GetColFieldName

This method returns the name of a particular field in a given column of a table control. The syntax is as follows:


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```
JTableControl.GetColFieldName(iCol);
```

An example is below:

```
strFieldName = objTableControl.GetColFieldName(3);
```

### IsRowSelected

This method checks to see if a particular row in a table control is selected, using the row number as an argument. The syntax is as follows:

```
JTableControl.IsRowSelected(iRow);
```

An example is shown below:

```
bSelected = objTableControl.IsRowSelected(3);
```

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