

## ParameterFieldDefinition Object

The **ParameterFieldDefinition** Object represents a parameter field in the report. This object provides properties and methods for retrieving information and setting options for a parameter field in your report (i.e., current value, default value, etc.). A ParameterFieldDefinition Object is obtain from the Field property of the **Area** Object when the specified field is a parameter field.

### Properties

**Application** - Returns a reference to the Application Object this object is associated with. Read only.

**CurrentValue** - Returns the value entered by the user or when set using SetCurrentValue. If the user clicked Cancel or no value is set, a null is returned. Read only.

**CurrentValueSet** - Boolean value that will equal TRUE (1) if the user enters a value at the prompt or a value has been set using SetCurrentValue and FALSE (0) if the user clicks Cancel or no value has been set. Read only.

**DefaultValue** - Returns the default value assigned to the parameter field if one was set. If DefaultValueSet is FALSE, a null is returned. Read only.

**DefaultValueSet** - Returns Boolean value indicating whether or not a default value was set for the parameter field when the parameter field was created or modified in Seagate Crystal Reports. The value can be either TRUE (1) if the field was given a default value or FALSE (0) if it was not. Read only.

**Kind** - Returns CRFieldKind (see table below) which specifies what "kind" of field (database, summary, formula, etc.). Read only.

crDatabaseField	1
crFormulaField	2
crGroupNameField	5
crParameterField	6
crSpecialVarField	4
crSummaryField	3

**Name** - Returns the name of the parameter field as it appears in the Parameter Field list of the Parameter Tab in the Insert Fields dialog box (i.e., ExampleParameter). Read only.

**NeedsCurrentValue** - Returns Boolean value indicating if the parameter needs a value entered (no current value is set). TRUE if no current value is set; FALSE if current value is set. Read only.

**NumberOfBytes** - Returns the number of bytes required to store the field data in memory. Read only.

**ParameterFieldName** - Returns the name of the parameter field as it is displayed (referenced) in the report (i.e., {? ExampleParameter}). Read only.

**Parent** - Reference to the Parent object (Report Object). Read only.

**Prompt** - Returns/Sets the prompting text, if any, that appears when the user runs the report for the first time or refreshes the data. This will be either the prompt assigned by the user when the parameter field was inserted into the report or the prompt that was set from code. Read/Write.

**Report** - Reference to Report Object. Read only.

**ReportName** - Returns the subreport name if the parameter is part of a subreport; otherwise, a null is returned. Read only.

**ValueType** - Returns CRFieldValueType (see table below) which specifies the "type" of value found in the field. Read only.

CrBitmapField	17
crBlobField	15
crBooleanField	9
crChartField	21
crCurrencyField	8
crDateField	10
crDateTimeField	16
crIconField	18
crInt16sField	3
crInt16uField	4
crInt32sField	5
crInt32uField	6

crInt8sField	1
crInt8uField	2
crNumberField	7
crOleField	20
crPersistentMemoField	14
crPictureField	19
crStringField	12
crTimeField	11
crTransientMemoField	13
crUnknownField	22