

# Displaying Dependant Parameters

The dynamic display of parameters is controlled through the **hasDependentParameters** and **isParameterRequired** functions.

Function	Description
public boolean hasDependentParameters(String key)	Return true if the display of other parameters is dependent on the parameter with this UniqueKey value. If the value of a function is changed, and that function has dependent parameters, the isParameterRequired method will be run. This function is run for every user input parameter in the analytic function.
public boolean isParameterRequired(String key)	Return true if the parameter with this UniqueKey should be displayed. This function is run for every user input parameter in the analytic function.

## Example

In the example below, the parameter with UniqueKey "MULTIPLIER" will only be displayed when the radio switch parameter "INCLUDE\_MULTIPLIER" is set to true.

```
public boolean hasDependentParameters(String key)
{
    if ("INCLUDE_MULTIPLIER".equals(key)) {
        return true;
    }else{
        return false;
    }
}

public boolean isParameterRequired(String key){
    Boolean included = (Boolean) getParameterValue("INCLUDE_MULTIPLIER");
    if (!included && "MULTIPLIER".equals(key)){
        return false;
    }else{
        return true;
    }
}
```

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