

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;
    }
}
```

Previous topic: [Parameter set up](#)

Next topic: [Data access & modification](#)