

# Working With Dynamic Parameters

Using SQL query you can define a range to specify the report request.

Example:

```
Select * from employee where employee_id < 6;
```

When you write the above statement in the datasource, you will need to define a dynamic parameter.

Modified Code:

```
Select * from employee where employee_id < ${ID};
```

This is only for the datasource level.

At Report Level:

1. Ensure that the dynamic parameter is defined using the Datasource wizard.
2. The parameter is enabled in the 'Report' tab.
3. The parameter is propagated from the datasource level to the report template level.

Try to render the report using Elixir Report Designer. You will be asked for your input for the dynamic parameters.

This completes the creation of a datasource and report template with a dynamic parameter.

However, when rendering through an API, you will need to add parameters to the render report function.

## **Code Snippet**

```
Properties props = new Properties();  
  
props.setProperty("ID","6");
```

Next, include 'props' in the method for report invocation.

Check the method for report invocation. The argument with the data type 'java.util.Properties' is the one that you should pass in 'props'.