

# Bug Report: Groovy SubstitutionVariable Class Not Functioning

If you have jumped into Groovy Calculations, one of the things you likely would try to do is grab a value for a sub var. Hopefully, you haven't spent too much time before reading this. I wasted a ton of time trying to get this to work before I opened a ticket with Oracle. This class is NOT available yet and was inadvertently included in the public docs at <https://docs.oracle.com/cloud/latest/epm-common/GROOV/>. The development team told me they are going to remove it from the API docs.

Without it, the best way I have found to get this value is by adding it to a grid and pulling the dimension value from that column/row. For example, if your periods are in the columns and you need the value of a substitution variable that holds the current month, add the substitution variable to the first column for the variable that holds the current month of actuals, and hide the column so the users are not confused with its purpose/location. If you make use of `getCellWithMember`, and don't pass it any parameters, it will pull the top left cell in the grid, even if it is hidden. Since this is a period member, use the `getPeriodName` method. If it is a custom dimension, the `getMemberName` will provide what you need.

Here is an example. The grid's first column is hidden, and the period is set the substitution variable that represents the last month of actuals for the year.

```
String          sCurMonth          =          ' '          +
operation.grid.getCellWithMembers().getPeriodName() + ' '
- OR -
String          sCurMonth          =          ' '          +
```

```
operation.grid.getCellWithMembers().getMemberName("Period") +  
'''
```

The `sCurMonth` variable can be used where needed in the Groovy calculation to obtain the substitution variable value.