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Genesys Rules Authoring Tool Help

Functions Editor

Functions Editor

Use the Functions Editor to develop Java methods that can be called from rule actions and conditions.

Each function contains the same fields:

Function Name—A name for the function.

Description—A brief description of the function.

Implementation—Either Java or Groovy.

Example

This function is used to compare dates. It would be configured as follows:

```
Name: compareDates
Description: This function is required to compare dates.
Implementation:
import java.util.Date;
import java.text.SimpleDateFormat;

function int _GRS_compareDate(String a, String b) {
    // Compare two dates and returns:
    // -99 : invalid/bogus input
    // -1 : if a < b
    // 0 : if a = b
    // 1 : if a > b

    SimpleDateFormat dtFormat = new SimpleDateFormat("dd-MMM-yyyy");
    try {
        Date dt1= dtFormat.parse(a);
        Date dt2= dtFormat.parse(b);
        return dt1.compareTo(dt2);
    } catch (Exception e) {
        return -99;
    }
}
```

For user-supplied classes, the .jar file must be in the CLASSPATH for both GRAT and the GRE.