

DIHCustomFunctions

Custom Functions for DIH

It is possible to plug in custom functions into DIH. Implement an [Evaluator](#) and specify it in the data-config.xml . Following is an example of an evaluator which does a 'toLowerCase' on a String.

```
<dataConfig>
  <function name="toLowerCase" class="foo.LowerCaseFunctionEvaluator"/>
  <document>
    <entity query="select * from table where name='${dih.functions.toLowerCase(dih.request.user)}'">
      <!-- .....field declarations.....-->
    </entity>
  </dataConfig>
```

The implementation of LowerCaseFunctionEvaluator

```
public class LowerCaseFunctionEvaluator extends Evaluator{
    public String evaluate(String expression, Context context) {
        List l = EvaluatorBag.parseParams(expression, context.getVariableResolver());

        if (l.size() != 1) {
            throw new RuntimeException("'toLowerCase' must have only one parameter ");
        }
        return l.get(0).toString().toLowerCase();
    }
}
```