

CoreOperationMultiply.java - CoreOperationSubtract.java

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16 */
17package org.apache.commons.xpath.ricompiler;
18
19import org.apache.commons.xpath.ricompiler.EvalContext;
20import org.apache.commons.xpath.ricompiler.InfoSetUtil;
21
22/**
23 * Implementation of {@link Expression} for the operation "*".
24 *
25 * @author Dmitri Plotnikov
26 * @version $Revision: 652845 $ $Date: 2008-05-02 12:46:46 -0500 (Fri, 02 May 2008)
27 */
28public class CoreOperationMultiply extends CoreOperation {
29
30    /**
31     * Create a new CoreOperationMultiply.
32     * @param arg1 factor 1
33     * @param arg2 factor 2
34     */
35    public CoreOperationMultiply(Expression arg1, Expression arg2) {
36        super(new Expression[] { arg1, arg2 });
37    }
38
39    public Object computeValue(EvalContext context) {
40        double l = InfoSetUtil.doubleValue(args[0].computeValue(context));
41        double r = InfoSetUtil.doubleValue(args[1].computeValue(context));
42        return new Double(l * r);
43    }
44
45    protected int getPrecedence() {
46        return MULTIPLY_PRECEDENCE;
47    }
48
49    protected boolean isSymmetric() {
50        return true;
51    }
52
53    public String getSymbol() {
54        return "*";
55    }

```

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15 * limitations under the License.
16 */
17package org.apache.commons.xpath.ricompiler;
18
19import org.apache.commons.xpath.ricompiler.EvalContext;
20import org.apache.commons.xpath.ricompiler.InfoSetUtil;
21
22/**
23 * Implementation of {@link Expression} for the operation "-".
24 *
25 * @author Dmitri Plotnikov
26 * @version $Revision: 652845 $ $Date: 2008-05-02 12:46:46 -0500 (Fri, 02 May 2008)
27 */
28public class CoreOperationSubtract extends CoreOperation {
29
30    /**
31     * Create a new CoreOperationSubtract.
32     * @param arg1 minuend
33     * @param arg2 subtrahend
34     */
35    public CoreOperationSubtract(Expression arg1, Expression arg2) {
36        super(new Expression[] { arg1, arg2 });
37    }
38
39    public Object computeValue(EvalContext context) {
40        double l = InfoSetUtil.doubleValue(args[0].computeValue(context));
41        double r = InfoSetUtil.doubleValue(args[1].computeValue(context));
42        return new Double(l - r);
43    }
44
45    protected int getPrecedence() {
46        return ADD_PRECEDENCE;
47    }
48
49    protected boolean isSymmetric() {
50        return false;
51    }
52
53    public String getSymbol() {
54        return "-";
55    }

```

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56}  
57
```

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56}  
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