

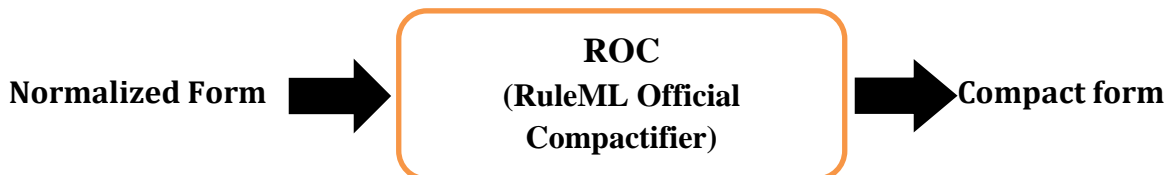
"Testing, inverting and round tripping RON Normalizer for RuleML 1.0 in XSLT 2.0"

Objectives:

- In our first part our task is to test the existing normalizer against some defined test cases.



- The second part is development of RuleML Official Compactifier which will first check canonical order of the stripes in the element. After the canonical check is performed it will remove all the stripes from the element to convert it into a fully skipped form which will help in obtaining our objective to make the XML element fully compact as is explicit from the name. We will be implementing our tool in the XSLT 2.0.



- The inverse form obtained from the second step will be composed for round tripping which will lead to improvement of both the suites obtained from a and b part.

Tool used: Oxygen XML editor.

Test Cases: RON and ROC both has been tested for different test cases and the results has been recorded.

Website:

<http://ruleml-roc.yolasite.com/>

References:

XSLT 2.0

<http://www.xfront.com/rescuing-xslt.html>
<http://www.cafeconleche.org/books/bible3/chapters/ch15.html>
http://www.w3.org/2005/08/online_xslt

RuleML

<http://ruleml.org/>

RuleML 1.0 Normalization

http://ruleml.org/1.0/xslt/normalizer/100_normalizer.xslt