Test Suite How-To Guide

:

1. C   H ML & ML
2. C   NIF
3. I

1. Conformance testing for HTML & XML

I 2.0   I 2.0

.   ML   H ML

I 2.0   .

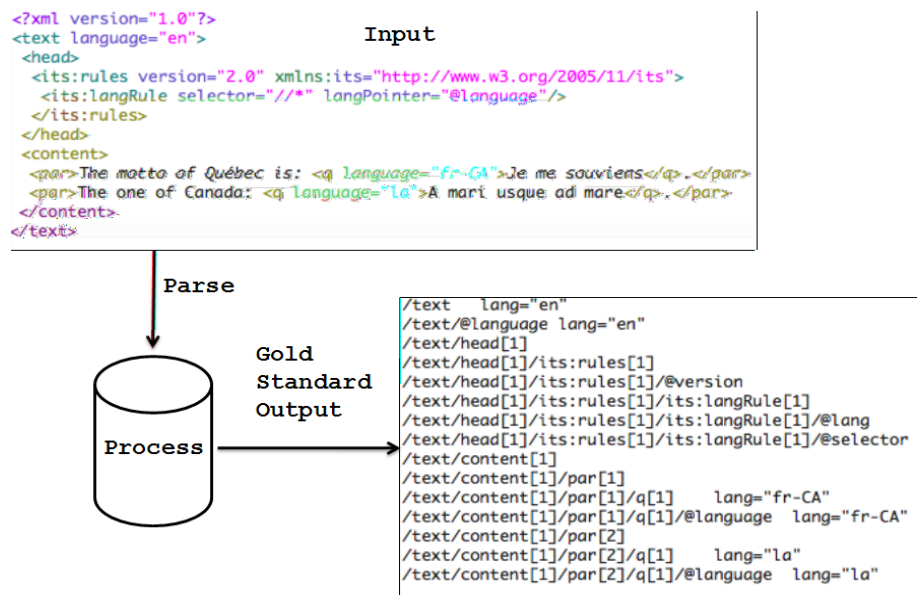225   19   H ML   ML.

1.1 How to use the test suite?

Figure 1: Testsuite processing Input to Output

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.   I 2.0

. F 1   .

1.2 Gold Standard output specifications details:

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- E ML H ML (
  H ML)

- - :
  / / 1 / 1 / 2 R =" - :// . . " C ="0.5"
  I ="301467919" =" 3.0"

- :
  / / 1 / : 1 / : Q I R 2
  / / 1 / : 1 / : Q I R 2 /@ Q I C
  / / 1 / : 1 / : Q I R 2 /@ Q I P R
  / / 1 / : 1 / : Q I R 2 /@ Q I
  / / 1 / : 1 / : Q I R 2 /@ Q I
  / / 1 / : 1 / : Q I R 2 /@ Q I R
  / / 1 / : 1 / : Q I R 2 /@

- :
  // / 1 / 1 / 2 R =" - :// . . " C ="0.5"
  I ="301467919" =" 3.0"

P (
= ....):

Incorrect:
/ / 1 / 2 Q I P = Q I R P ="# 1234
Correct:
/ / 1 / 2 Q I = Q I R ="# 1235"

:

Incorrect:
/ / 1 - - - - = Q I R ="# 1235
Correct:
/ / 1 Q I = Q I R ="# 1235"

1.3 How gold standard output is compared to implementors output?

ITS-2.0-Testsuite/its2.0/outputimplementors

ITS-2.0-Testsuite/its2.0/expected .

.
:

H

(indicated on the dashboard via N/A = the implementer did not commit to run the test).

H

(indicated on the dashboard via fnf: the output file from the implementer has not been found OK = the output file is identical to the reference output file).

H

(indicated on the dashboard via error = an error occurred, e.g. the output file is not available or it is not identical to the reference output file. Move the mouse over error to see details).

H

(indicated on the dashboard via fnf: the output file from the implementer has not been found).

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1.4 Validating Output Test Files

ITS-2.0-Testsuite/its2.0/outputimplementors
ITS-2.0-Testsuite/ITS2.0/expected .
:

D   .   :   :// .   .   / /65779171/   .
             (L   /M /   ):   - /   / / /   .
      M   .   D   .   - :   D   .
                         D   .
C   :
   ://   .   .   /?   ://   .   .   /   /I   -2.0-   /   /   2.0/
      D   .

The files for the test suite dashboard are as follows:
● **testsuiteMaster.xml -** has a list of the implementer's and the tests that they are involved in and aids in the creation of the testSuiteDashboard.html
● **testsuiteDashboard.xsl -** does the diffs between the implementer's output and the gold standard output.
● **testSuiteDashboard.xml -** gives information on the errors between the diff's for the implementors output and the gold standard output
● **testSuiteDashboard.html -** the html test suite dashboard which is located live [here](#)

2. Conformance testing for NIF

I   2.0   NIF 2.0

I   2.0   NIF   .   NIF

H ML   **Localisation Quality Issue**

I   2.0   NIF   L   Q

I   .   11   H ML   L   Q   I

.   **ITS-2.0-Testsuite/its2.0/nif-conversion/input**   .

.   NIF   RDF   I   2.0   .

NIF   NIF

I   2.0   ___.

2.1 How gold standard NIF output is compared to implementors output?

NIF   PARQL

RDF/NIF   (.). I   PARQL   NIF

.   NIF

ITS-2.0-Testsuite/its2.0/nif-conversion/expected   .

2.2 Validating NIF output files

Prerequisites: Java and Unix Shell
- create a temporary folder for output files (hence called $datafolder)
- read ITS files from "its2.0/nif-conversion/input/" one by one, convert to NIF and write output files in turtle to $datafolder
- go to directory cd its2.0/nif-conversion/sparqltest
- run : ./executeAllTests.sh ../relative/pathTo/$datafolder

Explanations of output:
- If no message appears between "Running: test1.sparql" and "Done: test1.sparql" the test was successful.
- Otherwise the output filename and additional debug output is shown

3. Input file Validation

This part of the test suite is vital and it is the testing of the HTML and XML input files to see if they are valid in accordance to the ITS 2.0 schema specification for XML and HTML. More information about this validator can be found here and also here.

3.1 Validating Input Test Files

The following sections detail how to validate the test suite input files both HTML and XML.

3.1.1 Validating XML test files

D   A   ://   .   .   /

R   '   -   '   2.0

3.1.2 Validating HTML test files
D   A   ://   .   L.   /   v
D   5-   -   :// d   .   /n   / i 5-   -
M   2.0/   .   t   5-   -
R   '   -   '   2.0   n
                                    a   vi

3.1.3 Validating all test files
M   ML   H ML   v
R   ' '   2.0
P   H ML   '   ▬RDF   RDF

P   o

4. Xliff Sample
In addition to conformance testing and validation of XML

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