

ECoXiPy Performance Test Results - Results

Setup: The same XHTML5 document is created with different APIs. All output implementations of EcoXiPy are tested as well as “xml.sax” and “xml.dom.minidom”. For each of the APIs one test creates its native representation and one test transforms this into an UTF-8 encoded byte string, as mostly XML is serialized this way. The SAX tests creates byte strings in both test types.

Platform: 2.4 GHz Intel Core 2 Duo, 8 GB RAM on Mac OS X 10.8.3

The following table shows the running times in seconds for the tests for the different Platforms and output types.

Output	<i>Bytes</i>	<i>Bytes</i>	<i>Bytes</i>	<i>Native</i>	<i>Native</i>	<i>Native</i>
Python Platform	PyPy 2.0.0	CPython	CPython	PyPy 2.0.0	CPython	CPython
Python Version	2.7.3	3.3.1	2.7.4	2.7.3	3.3.1	2.7.4
<i>xml.sax</i>	5.5	10.4	14.3	5.5	10.4	14.3
<i>xml.dom.minidom</i>	11.3	21.8	24.5	2.5	10.4	9.5
<i>ecoxipy.dom_output</i>	9.6	29.2	31.5	5.2	18.5	17.8
<i>ecoxipy.pyxom.output</i>	7.3	17.7	20.7	3.4	8.7	11.1
<i>ecoxipy.string_output</i>	4.9	14.0	14.4	4.9	14.0	14.6

ECoXiPy Performance Test Results - Graph

Performance Test Results

Platform: 2.4 GHz Intel Core 2 Duo, 8 GB RAM on Mac OS X 10.8.3

