XSLT 2013

Survey Results

Question 01

Please rank the importance of each xslt version (*Mandatory*)

	Answers	Skips
	111	**0**
	100%	0%

	NOT AT ALL	NOT VERY	NO OPINION	SOMEWHAT	EXTREMELY
XSLT v1.0	14	18	7	**37**	35
XSLT1.0 + exslt	25	17	20	**32**	17
XSLT v2.0	2	3	3	24	**79**
XSLT v3.0	13	4	**44**	31	19

Question 02

Please rank xslt versions from most important (top) to least important (bottom).

	Answers	Skips
	111	**0**
	100%	0%

RANK	CHOICE	WEIGHTED RANK				
1	XSLT v2.0	1.60				
2	XSLT v1.0	2.60				
3	XSLT v3.0	2.77				
4	XSLT v1.0 + exslt	3.02				

Question 03

How long have you been using XSLT ?

	Answers	Skips
	110	**1**
	99%	1%

	0%	38%	76%	COUNT	PERCENT
a long time				**83**	75%
a few years				**12**	11%
less then 5 years				**10**	9%
less then a year				**4**	4%
Just started				**1**	1%

Question 04

Which XSLT processor(s) do you use the most ?

	Answers	Skips
	108	**3**
	97%	3%

46,548,049	saxon9	**Tuesday, May 21st 5:48AM**
45,685,372	Saxon	**Saturday, Apr 27th 10:44PM**

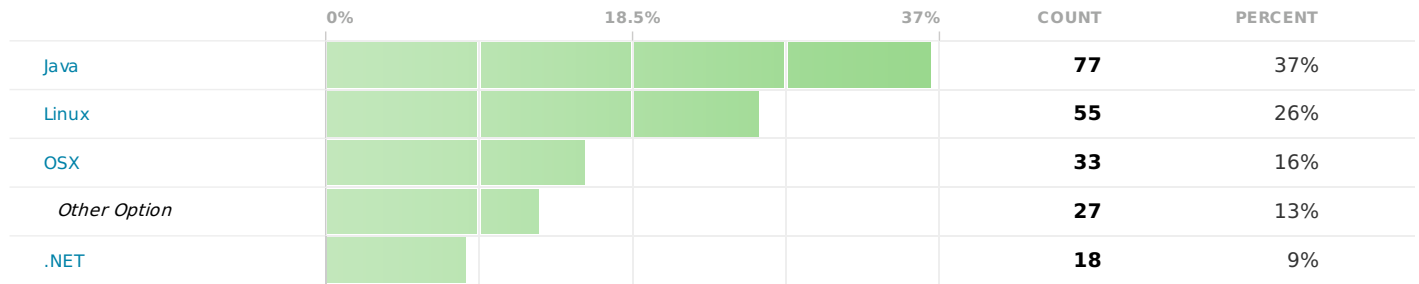|		
41,174,603	Saxon	Wednesday, Feb 20th 9:41AM
41,076,930	Saxon 9 PE	Tuesday, Feb 19th 3:09AM
40,160,896	xsltproc saxon xalan	Wednesday, Feb 6th 10:54AM
40,142,689	I tend to use 2.0 the most, but some of our systems only have support for 1.0 (and then using the .Net processor). I love to use the 2.0 as it makes a lot of things so much easier to do.	Wednesday, Feb 6th 2:32AM
40,042,373	JDK built-in Xalan	Monday, Feb 4th 12:24PM
40,011,646	saxon	Sunday, Feb 3rd 6:18PM
39,933,683	Saxon	Saturday, Feb 2nd 7:40AM
39,814,109	saxon	Thursday, Jan 31st 8:41AM
39,798,765	saxon	Thursday, Jan 31st 3:41AM
39,743,331	Oxygen (Saxon)	Wednesday, Jan 30th 10:52AM
39,743,138	I only use the version bundled with apache fop I have no idea which version I'm using "the latest" probably	Wednesday, Jan 30th 10:48AM
39,731,271	saxon	Wednesday, Jan 30th 8:46AM
39,730,390	Saxon-B 9.1.0.8 Saxon-HE Saxon-PE	Wednesday, Jan 30th 8:46AM
39,729,794	saxon	Wednesday, Jan 30th 8:39AM
39,729,596	Saxon 9 Saxon 6 Xalan	Wednesday, Jan 30th 8:35AM
39,713,997	Saxon 9.1. standalone (free edition) Saxon EE (bundled with oXygen 14)	Wednesday, Jan 30th 4:00AM
39,712,890	libxslt (libxml2), Saxon	Wednesday, Jan 30th 3:12AM
39,709,548	libxslt	Wednesday, Jan 30th 12:04AM
39,706,651	Saxon	Tuesday, Jan 29th 10:20PM
39,702,790	SAXON	Tuesday, Jan 29th 8:19PM
39,690,763	Saxonica's Saxon-SA (Schema Aware)	Tuesday, Jan 29th 4:26PM
39,688,968		Tuesday, Jan 29th

39,668,986	SAXON	**3:58PM**
39,668,243	Saxon, Via Orbeon Forms	**Monday, Jan 28th** **5:09PM**
39,666,436	Saxon 9.0.1.7	**Tuesday, Jan 29th** **10:38AM**
39,658,916	Saxon-HE	**Tuesday, Jan 29th** **1:36AM**
39,656,518	Sax	**Tuesday, Jan 29th** **8:05AM**
39,654,193	Saxon 9.1	**Tuesday, Jan 29th** **7:11AM**
39,652,450	Saxon and occasionally Xalan to check my work.	**Tuesday, Jan 29th** **6:35AM**
39,650,414	saxon	**Tuesday, Jan 29th** **5:46AM**
39,648,302	Saxon	**Tuesday, Jan 29th** **4:41AM**
39,646,765	saxonica	**Tuesday, Jan 29th** **3:51AM**
39,646,004	saxon9	**Tuesday, Jan 29th** **3:14AM**
39,639,439	Saxon	**Monday, Jan 28th** **10:23PM**
39,622,836	Saxon, FF, MSXSL	**Monday, Jan 28th** **4:59PM**
39,619,874	xsltproc	**Monday, Jan 28th** **1:59PM**
39,618,184	Saxon MSXML xalan	**Monday, Jan 28th** **11:08AM**
39,616,184	Saxon PE, Xalan, MSXML, LiBXSLT and browser	**Monday, Jan 28th** **3:39PM**
39,612,285	Saxon	**Monday, Jan 28th** **2:51PM**
39,608,359	Saxon	**Monday, Jan 28th** **2:18PM**
39,606,383	Saxon	**Monday, Jan 28th** **1:56PM**
39,604,892	Saxon	**Monday, Jan 28th** **1:40PM**
39,604,841	Saxon 9.4.x	**Monday, Jan 28th** **1:40PM**
39,604,069	Saxon xsltproc	**Monday, Jan 28th** **1:31PM**
39,604,032	Saxon 9 and Saxon 6.5	**Monday, Jan 28th** **1:31PM**
39,603,841	Saxon	**Monday, Jan 28th** **1:28PM**
		Monday, Jan 28th

39,595,314	Saxon (latest or recent version)	Monday, Jan 28th 11:53AM
39,592,498	Saxon	Monday, Jan 28th 11:32AM
39,591,073	Saxon, AltovaXML	Monday, Jan 28th 11:09AM
39,590,459	libxslt/xsltproc	Monday, Jan 28th 11:09AM
39,590,421	Saxon	Monday, Jan 28th 11:08AM
39,590,107	Saxon, xalan	Monday, Jan 28th 10:23AM
39,587,793	Depends on clients environment: Saxon (all flavors) Xalan	Monday, Jan 28th 10:41AM
39,583,460	DotNet MSXSL Saxon	Monday, Jan 28th 10:03AM
39,582,838	libxslt, occasionally Saxon.	Monday, Jan 28th 9:59AM
39,581,267	Saxon 9.4 (EE / PE) MarkLogic	Monday, Jan 28th 9:45AM
39,578,380	Transformatio through XML Spy Editor Saxon EE	Monday, Jan 28th 9:18AM
39,578,114	saxon	Monday, Jan 28th 9:15AM
39,577,543	MSXML	Monday, Jan 28th 9:11AM
39,575,561	saxon9he	Monday, Jan 28th 8:52AM
39,574,172	Saxon	Monday, Jan 28th 8:24AM
39,573,072	saxon	Monday, Jan 28th 5:23AM
39,570,834	1. Saxon HE or Saxon PE for .net and Java 2. Saxon CE	Monday, Jan 28th 8:02AM
39,569,212	Saxon when I can (mostly .NET, or via oXygen for data conversions); Xalan and .NET System.Xml.Xsl when I have to.	Monday, Jan 28th 7:50AM
39,568,826	Saxon	Monday, Jan 28th 7:58AM
39,568,073	browser implementations on the cient, various java implementations on the server	Monday, Jan 28th 7:52AM
39,567,032	Saxon HE	Monday, Jan 28th 7:40AM
39,566,854	Saxon 9.x, Saxon 6.5.x, XMLPrime, AltovaXML, MSXML (6,4,3)	Monday, Jan 28th 7:38AM
39,566,854		Monday, Jan 28th

39,565,303	SAXON	Monday, Jan 28th 7:26AM
39,565,167	System.Xml from .NET.	Monday, Jan 28th 7:27AM
39,562,191	saxon 9 in Oxygen	Monday, Jan 28th 6:56AM
39,561,578	saxon EE	Monday, Jan 28th 6:48AM
39,560,390	Saxon HE Saxon PE/EE only within my XML IDE (oXygen)	Monday, Jan 28th 6:33AM
39,559,516	Saxon, xsltproc	Monday, Jan 28th 6:18AM
39,559,250	LibXml XSLT (xslproc)	Monday, Jan 28th 6:13AM
39,559,069	Saxon	Monday, Jan 28th 6:08AM
39,558,855	Saxon Home Edition	Monday, Jan 28th 6:00AM
39,558,579	saxon	Monday, Jan 28th 6:03AM
39,558,560	Saxon HE	Monday, Jan 28th 6:02AM
39,558,209	Saxon HE	Monday, Jan 28th 5:55AM
39,558,122	Saxon 9	Monday, Jan 28th 5:55AM
39,558,104	Saxon	Monday, Jan 28th 5:52AM
39,558,058	Saxon	Monday, Jan 28th 5:51AM
39,557,957	xsltproc	Monday, Jan 28th 5:51AM
39,557,956	Saxon, xsltproc (libxslt), Java Buildin (Xalan) Altova (which was a wrapper around MSXML I think) before 2003	Monday, Jan 28th 5:40AM
39,557,797	sometimes xsltproc, if any	Monday, Jan 28th 5:46AM
39,557,723	Saxon	Monday, Jan 28th 5:48AM
39,557,433	Saxon EE 9.4	Monday, Jan 28th 5:19AM
39,556,853	saxon	Monday, Jan 28th 5:29AM
39,556,752	Saxon 9 Xalan	Monday, Jan 28th 5:26AM
39,556,745	Saxon (mostly)	Monday, Jan 28th 5:27AM
39,556,391	MarkLogic, xsltproc	Monday, Jan 28th 4:55AM

39,556,382	Saxon mainly	**Monday, Jan 28th** **5:17AM**
39,556,341	MSXML, Transformiix, libxml	**Monday, Jan 28th** **5:20AM**
39,556,256	xalan saxon	**Monday, Jan 28th** **5:13AM**
39,556,058	libxslt saxon firefox	**Monday, Jan 28th** **5:07AM**
39,555,603	Saxon	**Monday, Jan 28th** **5:05AM**
39,555,508	saxon, also have license for EE but not use it - it was bought as present for Mike Kay at last Christmas :)	**Monday, Jan 28th** **5:00AM**
39,555,449	Saxon 9.x libxslt	**Monday, Jan 28th** **4:58AM**
39,555,367	Saxon 9 HE	**Monday, Jan 28th** **4:59AM**
39,555,361	Mostly Saxon, when possible, otherwise default	**Monday, Jan 28th** **4:52AM**
39,555,335	Saxon	**Monday, Jan 28th** **4:59AM**
39,555,220	saxon	**Monday, Jan 28th** **4:56AM**
39,555,191	Datapower	**Monday, Jan 28th** **4:55AM**
39,555,070	saxon 9	**Monday, Jan 28th** **4:53AM**
39,555,067	saxon, ml	**Monday, Jan 28th** **4:53AM**
39,555,009	libxslt in conjunction with PHP for CMS purposes (symphony-cms.com), xsltproc for small day to day tools	**Monday, Jan 28th** **4:52AM**

What environment/operating system do you run your XSLT in ?

	0%	18.5%	37%	COUNT	PERCENT
Java				**77**	37%
Linux				**55**	26%
OSX				**33**	16%
Other Option				**27**	13%
.NET				**18**	9%

Other Responses

Answers

27

45,685,372	Windows	**Saturday, Apr 27th** 10:44PM
40,011,646	Windows - how could you ignore this ?	**Sunday, Feb 3rd** 6:18PM
39,933,683	Windows 7	**Saturday, Feb 2nd** 7:40AM
39,814,109	windows	**Thursday, Jan 31st** 8:41AM
39,730,390	Windows	**Wednesday, Jan 30th** 8:46AM
39,713,997	Windows	**Wednesday, Jan 30th** 4:00AM
39,709,548	Windox	**Wednesday, Jan 30th** 12:04AM
39,668,243	Solaris	**Monday, Jan 28th** 5:09PM
39,646,765	windows	**Tuesday, Jan 29th** 3:51AM
39,622,836	browser	**Monday, Jan 28th** 4:59PM
39,604,069	Web Browser	**Monday, Jan 28th** 1:31PM
39,595,314	I write XSLT widely deployed to other platforms	**Monday, Jan 28th** 11:53AM
39,587,793	Windows	**Monday, Jan 28th** 10:41AM
39,583,460	Windows	**Monday, Jan 28th** 10:03AM
39,578,114	solaris	**Monday, Jan 28th** 9:15AM
39,574,172	Unix	**Monday, Jan 28th** 8:24AM

39,573,072	SunOS	**Monday, Jan 28th 5:23AM**
39,570,834	Browser	**Monday, Jan 28th 8:02AM**
39,568,073	browser	**Monday, Jan 28th 7:52AM**
39,567,032	and Solaris	**Monday, Jan 28th 7:40AM**
39,562,191	Windows	**Monday, Jan 28th 6:56AM**
39,561,578	Sun	**Monday, Jan 28th 6:48AM**
39,557,956	Windows before 2003	**Monday, Jan 28th 5:40AM**
39,556,341	Browser/Javascript	**Monday, Jan 28th 5:20AM**
39,556,058	FreeBSD, Windows	**Monday, Jan 28th 5:07AM**
39,555,335	Browsers	**Monday, Jan 28th 4:59AM**
39,555,191	Datapower	**Monday, Jan 28th 4:55AM**

Question
06

Please provide any additional information about how you use XSLT, expectations for the future or any general comment you would like to make.

Answers
53
48%

Skips
58
52%

46,548,049	run from ant	**Tuesday, May 21st 5:48AM**
45,685,372	Please see http://www.cameditor.org - possibly the most extensive use of XSLT in an XML tool - over 80,000 lines of XSLT code and counting...	**Saturday, Apr 27th 10:44PM**
40,142,689	Weam using XSLT to convert XML-files from one format to the format that we are using internally in the company. We have created a normalizer software that does this for me. For this I am using XSLT 2.0. We are also using XSLT 1.0 when sending out messages to clients. this is older software that has run for close to ten years and so we don't open it up to do minor or breaking changes.	**Wednesday, Feb 6th 2:32AM**
40,042,373	Use: EDI message translation, e.g. Edifact, X12, internal schema (90%), master data/codelists conversion	**Monday, Feb 4th 12:24PM**
40,011,646	I prefer XQuery over XSLT any day and night. However I frequently have to manage other author's use of XSLT therefor I need to use it. XSLT in the browser I think has become a lost cause. Rather the server is preparing HTML content to serve to browsers and I think that is the right way. I dont see the lack of XSLT 3.0 in browser a problem. I *do* see the lack of XSLT 3.0 on servers a problem. Many companies are choosing simply to not go past XSLT 1 or 2 ... this is a bad thing.	**Sunday, Feb 3rd 6:18PM**
39,798,765	as functional programmer I appriciate higher order function support in v3.0.	**Thursday, Jan 31st 3:41AM**

39,743,138	Only to transform XML to PDF with apache FOP - I haven't a clue which version I use. I only do simple things - the problem is not XSLT - but knowing what output to produce.	**Wednesday, Jan 30th 10:48AM**
39,729,794	We use it for everything. Sometimes I also cook with XSLT...	**Wednesday, Jan 30th 8:39AM**
39,729,596	I'd like to see better integration in Eclipse more libraries	**Wednesday, Jan 30th 8:35AM**
39,713,997	Invoking from shell scripts / batch files and from inside Java. Mostly plain transformations XML to XML or XML to flat file, Generation of XSLT stylesheets through meta-stylesheets. Enhancing a generic XML Schema with domain-specific schematron rules. Mostly modest data volumes (99% < 10 MB). Looking forward to testing XSLT 3.0's streaming capabilities as it promises to enables us to process very large files (1G+) performantly and with reasonable requirements on hardfware.	**Wednesday, Jan 30th 4:00AM**
39,712,890	I use XSLT mostly for documentation purposes (technical information querying and publishing) and for cross-languages translation. I expect more from the various APIs to keep up with the 2.0 specification than from the >2.0 spec to bring new features.	**Wednesday, Jan 30th 3:12AM**
39,706,651	Have used it a lot with Apache Cocoon and pipelines in general.	**Tuesday, Jan 29th 10:20PM**
39,690,763	Very happy with the direction of XSLT and looking forward to taking advantage of 3.0 features. Full disclosure: I am the Chair of the W3C XML Query WG.	**Tuesday, Jan 29th 4:26PM**
39,666,436	Saxon is called from within a C# application to processes result data held as XML documents into HTML for display in a browser. This an operational system is used by the navy and air force to monitor military helicopter structural vibration. There are currently no plans to upgrade to use XSLT 3.0. A watch is being kept on the progress of XSLT 3.0 and once stable with stable products an upgrade will be considered.	**Tuesday, Jan 29th 10:38AM**
39,656,518	I use XSLT to transform SGML & XML sources to HTML & FO.	**Tuesday, Jan 29th 8:05AM**
39,654,193	Main usage: - generation of ant scripts based on xml configuration - processing/generation of excel files (mainly xml format of Excel 2003; xlsx as well but due to the complicated structure of files inside xlsx zip only in a limited manner) - those excel files contains configuration data, language resources (these are merged into java property files..) - documentation generation (PDF, html,..) - generation of data files for relational databases - data validation - in the browser with Saxon-CE, great potential Expectations: - support for zip files creation/parsing - libraries for charting to SVG	**Tuesday, Jan 29th 7:11AM**
39,652,450	As a developer an integrator of editorial content management systems, XSLT is a critical technology for enabling crossplatform publishing. My customers use XSLT to convert content for various output formats, extract and transform XMP, and, most importantly, connect systems together. If XML is the 'lingua Franca', XSLT is the 'Babel fish'.	**Tuesday, Jan 29th 6:35AM**
39,650,414	what the heck?	**Tuesday, Jan 29th 5:46AM**
39,646,765	Streaming is important. Schema-aware is very useful. Support as good as that given by Michael Kay is indispensable.	**Tuesday, Jan 29th 3:51AM**
	Simplify, simplify, simplify but no simpler!	**Monday, Jan 28th**

| 39,619,874 | I would love to see a lightweight xpath function protocol based on the overlap between HTTP query strings and posix shell pipelines. | 1:59PM |

| 39,618,184 | Curious what the support for XSLT, XPath and XQuery 3.0 will be moving forward.
It would be nice to have built-in support for 2.0 and 3.0 in major frameworks like Java,.NET, and browsers. | **Monday, Jan 28th 11:08AM** |

| 39,612,285 | I use XSLT extensively for most of my work in a SQL/ASP stack in order to output XHTML, XSL-FO as well as reports (XML, SpreadsheetML, HTML). Lately though I'm approaching what xforms already does, so I'm exploring the use of the XRX stack as a possible replacement. In that case I'll still be using XSLT too. | **Monday, Jan 28th 2:51PM** |

| 39,608,359 | XSLT rocks. --Alex ;) | **Monday, Jan 28th 2:18PM** |

| 39,606,383 | together with FO for generating PDF | **Monday, Jan 28th 1:56PM** |

| 39,595,314 | XSLT may always be considered to be a niche technology because developers with strong XSLT skills may always be a rare breed, while there are few things worse than bad XSLT. Nevertheless it is so powerful in its domain, and such a good complement to other technologies, that I don't expect to be migrating off it in the foreseeable future. | **Monday, Jan 28th 11:53AM** |

| 39,591,073 | I hope the final XSLT / XPath / XQuery 3.0 specs will be released soon. | **Monday, Jan 28th 11:09AM** |

| 39,590,421 | Content processing pipelines, Web-Service versioning, PDF-generation with FO, Datadriven metadata documentation. | **Monday, Jan 28th 11:08AM** |

| 39,587,793 | Transformation and validation! | **Monday, Jan 28th 10:41AM** |

| 39,583,460 | XML/XSLT is a really great technologie
I use it in TechComm publishing processes | **Monday, Jan 28th 10:03AM** |

| 39,582,838 | I mostly convert DocBook to HTML, with occasional XHTML to XHTML transforms and other similar strange bits. | **Monday, Jan 28th 9:59AM** |

| 39,581,267 | XSLT is 100% critical to the daily workflow and production environment of my organization. | **Monday, Jan 28th 9:45AM** |

| 39,575,561 | Use XSLT from command line + OxygenXML editor. Don't know anything about 3.0 yet. | **Monday, Jan 28th 8:52AM** |

| 39,570,834 | 1. XSLT Specification does not appear to address the productivity of XSLT editing when using a dedicated XSLT editor - e.g. features that could enhance schema-aware auto-complete
2. The W3C XSLT website - http://www.w3.org/TR/xslt - still references the XSLT 1.0 recommendation, this is wrong - it should reference the most recent recommendation
3. In future, the XSLT and XProc specifications should be aligned. | **Monday, Jan 28th 8:02AM** |

| 39,569,212 | Mostly for XSLT-based CMS or websites; occasionally for TEI (Text Encoding Initiative) projects. | **Monday, Jan 28th 7:50AM** |

| 39,567,032 | How: Sparingly. Where its fortes really help.
Having to use three or four reference documentations while writing one program is hard: XSLT, XPath, XQuery/XPath Functions and Operators, XML Schema Datatypes. | **Monday, Jan 28th 7:40AM** |

| 39,566,854 | I expect that in the future XPath 3.0 will be a separate, stand-alone programming language. All function libraries will be written in pure XPath 3.0 (3.1) thus portable between XSLT and XQuery.
I expect the new XPath 3.0/3.1 data structures such as maps and arrays to be used extensively. | **Monday, Jan 28th 7:38AM** |

| 39,565,303 | The lack of a free XSLT processor impedes its adoption. The W3C should provide a free reference implementation of an XSLT processor. | **Monday, Jan 28th 7:26AM** |

Monday, Jan 28th

39,562,191	Streaming is likely to be important. Maybe first class functions.	Monday, Jan 28th 6:56AM
39,561,578	XML document transformation. HTML create.	Monday, Jan 28th 6:48AM
39,559,516	-- none --	Monday, Jan 28th 6:18AM
39,559,069	non-programmer, librarian working with metadata all marked up in the extensible	Monday, Jan 28th 6:08AM
39,558,855	I am interested in advances in the language such as closures, which I am familiar with in JavaScript. I learned XPath 1.0 and XSLT 1.0 by reading an introduction book with design patterns in XSLT and reading the full text of the recommendations from W3C. I learned XSLT 2.0 on the job, peacemeal, using Michael Kay's "XSLT 2.0 and XPath 2.0" as a reference. I could not get myself to read the W3C recomendations this time, due to the perceived level of complexity and the modularization : too many cross-references, no clear entry point for learning. I will probably switch to 3.0 if Saxon H E supports it, learning the new features on a need to know basis.	Monday, Jan 28th 6:00AM
39,558,104	Functional baby!	Monday, Jan 28th 5:52AM
39,557,957	Transforming input documents into different formats.	Monday, Jan 28th 5:51AM
39,557,956	I miss xsltproc with XSLT 2.0	Monday, Jan 28th 5:40AM
39,557,797	I actually do not use XSLT at all. I just want to say that XSLT is aweful, and everyone should switch to XQuery. Much better. Make an XQuery survey	Monday, Jan 28th 5:46AM
39,557,433	Most prominently, I'd like to see the XSLT 3 features try/catch, new template matching patterns, maps, function items, the corresponding XPath 3 functions, in a free version of saxon. So basically everything except streaming, where I'd consider it very appropriate to pay a premium for. But baseline XSLT/XPath 3 will drastically improve my daily coding, and I'd like to give away some of the code that I write as open source libraries. People won't adopt it if they need a commercial processor for it.	Monday, Jan 28th 5:19AM
39,556,382	Needs to be more portable! Also needs more support for newer versions on different platforms, just having Saxon support for 2.0 and probably 3.0 is simply not enough, many people are depending on the libxslt implementation for their tools at the moment!	Monday, Jan 28th 5:17AM
39,556,256	There's always a discrepancy between the new technology developments and the demand for them. Business tends to be slow in adapting new technologies. With reason, business is about making money, not about using cool technology. If the new technology proofs to be a better version and/or makes tasks more simple and/or faster, then the adaptation process will be quite equivalently fast.	Monday, Jan 28th 5:13AM
39,556,058	transform ISO-2709/marcxml bib. records web apps	Monday, Jan 28th 5:07AM
39,555,508	mostly in eXist-db	Monday, Jan 28th 5:00AM
39,555,449	My web sites are fully XML based and run on a combination of XSLT and XQuery , where the choice on which one to use for a task is sometimes a bit arbitrary ;-) For XSLT 3.0 I'm most interested in the streaming capabilities, but I haven't tried them out yet.	Monday, Jan 28th 4:58AM
39,555,361	I see more and more use of xslt on big xml files (> 500MB) I mostly use xslt from a small java program to configure stylesheets, input/output and parameters,	Monday, Jan 28th 4:52AM