

# A demonstration of analyzing the JSON dump of the I0I wiki

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on behalf of I0Icompanies.org

**What's the frequency of languages and  
technologies across the different  
implementations as far as declared on the wiki?**

Java [XML](#) [JavaScript](#) [CSharp](#) [Haskell](#) [SQL](#) [CSS](#) [XSD](#) [HTML](#) [HTML5](#) [JSON](#) [XHTML](#) [PHP](#) [Scala](#)

# Frequency of languages across implementations

Java XML JavaScript CSharp Haskell SQL CSS XSD  
HTML HTML5 JSON XHTML PHP Scala Ecore Groovy CPLUSPLUS  
HQL Smalltalk XPath FSharp ATL xjc POJOs Erlang AspectJ GReTL  
EBNF TGraphs Python Scala HSQLDialect XQuery Ruby GReQL  
JavaServer Pages Python XSLTClojure Prolog WSDL JAXB annotations  
JoCaml Cobol 85

# Frequency of technologies across implementations

GHCiADO.NETcsc.exeNUnitMySQL

EclipseVisual StudioANTLRGHCEMFJAXBScalasbtxjcGNUmake

JAXPXAMPPXMLHttpRequestHibernateSQL ServerSilverlightPharoSwingJDBCHDBCHXTGWT

SaxonWeb storageHSQldbStrutsScalaTestODBCWCFApacheHTTP ServerGoogleSpreadsheetfcsADOTexe

HadoopxsdADOTexeQTCreatorJGraLabsbtADASHideaXalanADASHJavaAWTRuby on RailsJava SAXwxHaskellBaseXHeist

SeasideServlet APIsjsonAkkaGParZend frameworkajcOpenOfficeCalcPy3kSpecsPyjamasGraphVizCounterClockwiseAndroid

RebarMavenfooGReTLjocamlcjavaADOTutilADOTScannerLINQ to XMLJBoss Application ServerOpenCOBOLJava SE

ErlangASLASHOTPJUnitKiamaParsecjQueryDOMJava EEGroovyADASHEclipseAJDTHappstackdiff

SWIADASHPrologEntity FrameworkCGIJSFXOMxsltprocASPADOTNETMySQL WorkbenchEpsilon Generation Language

DBDirectWP7 SDKData aggregationMongoDBAntGlassFishNeo4jIndexedDBHaskellDBJDOMXtextAndroidSDKDPHJava RMI

MicrosoftExcelXMLStreamWriterIISjocamlXML picklerEcoreNetBeansGremlinQTSeamspecs2SOAP

# data.I0Icompanies.org

- Site for continuous publication
  - dumps
    - e.g., the JSON dump of I0Iwiki
  - resources
    - e.g., metrics per file

# Script for tag clouds

<https://github.com/rlaemmel/jsonl0ldemo>

- Makefile Download dump and process
- process.py Process dump, produce tag clouds
- style.css A detail: scaling for generated HTML

# Thanks!

- *Contact I0I companies*
- *Email: I0Icompanies@gmail.com*
- *Twitter: @I0Icompanies*
- Material for this demonstration:
  - <https://github.com/rlaemmel/jsonI0Idemo>