**Internet Journal**

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| **Source**: http://page.mi.fu-berlin.de/prechelt/Biblio/jccpprt\_computer2000.pdf | **Type Of Document**: Research Paper  **Author(s)//surname before initials**: Prechelt, Lutz  **(Year Published)**: March 14, 2000  **Article Title**: An empirical comparison of seven programming languages  **Journal Title**: *Computer*  **Vol(issue)pp.**: 33(10),pp.29.  ***Name of Collection****: IEEE Xplore Journals (IEL)*  [Online]  **Available at**: <http://page.mi.fu-berlin.de/prechelt/Biblio/jccpprt_computer2000.pdf> or <http://ieeexplore.ieee.org.ergo.glam.ac.uk/stamp/stamp.jsp?tp=&arnumber=876288> |
| **Topic**: Python compared with C++, C, Java, Perl, Rexx, Tcl | **Ref**: Prechelt, L.(2000)’ An empirical comparison of seven programming’, *Computer*, 33(10),pp.29. *IEEE Xplore Journals (IEL)* [Online]. Available at: http://ieeexplore.ieee.org.ergo.glam.ac.uk/stamp/stamp.jsp?tp=&arnumber=876288 (Accessed: 04 November 2015) |
| **In text**: from an empirical study, Prechelt (2000, p.29) found that,… |
| **Summary**: Designing and writing the program in Perl, Python, Rexx, or Tcl takes no more than half as much time as writing it in C, C++, or Java and the resulting program is only half as long. | |
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| **Source**: http://page.mi.fu-berlin.de/prechelt/Biblio/jccpprt\_computer2000.pdf | **Type Of Document**: Research Paper  **Author(s)//surname before initials**: Prechelt, Lutz  **(Year Published)**: March 14, 2000  **Article Title**: An empirical comparison of seven programming languages  **Journal Title**: *Computer*  **Vol(issue)pp.**: 33(10),pp.29.  ***Name of Collection****: IEEE Xplore Journals (IEL)*  [Online]  **Available at**: <http://page.mi.fu-berlin.de/prechelt/Biblio/jccpprt_computer2000.pdf> or <http://ieeexplore.ieee.org.ergo.glam.ac.uk/stamp/stamp.jsp?tp=&arnumber=876288> |
| **Topic**: scripting program memory consumption compared to compiled language program (worse) | Ref: Prechelt, L.(2000)’ An empirical comparison of seven programming’, *Computer*, 33(10),pp.29. *IEEE Xplore Journals (IEL)* [Online]. Available at: http://ieeexplore.ieee.org.ergo.glam.ac.uk/stamp/stamp.jsp?tp=&arnumber=876288 (Accessed: 04 November 2015) |
| **In text**: a study, Prechelt (2000, p.29), found that,… |
| **Summary**: The typical script program consumes about twice as much memory as does a C or C++ program. Java programs consume three or four times as much memory as C or C++ programs. | |
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**Books**

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| **Source**: https://www.python.org/doc/essays/foreword/ | **Type Of ref**: chapter in Book  **Author(s)//surname before initials**: Mark Lutz  **(Year Published)**: 1996  **Title**: Programming Python  **Edition**: ------  **Series and volume number(where needed)**:------ |
| **Ref:** Rossum, G.V. (1996) ‘Foreword’ in Lutz, M. *Programming Python*. Sebastopol: O’Reilly Media. |
| **Topic**: Python Readability  Good for quick Deployment | **In Text**: Rossum (1996) explains python was designed, from the ground up, to be readable. |
| **Summary**: | |
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| **Source**: | **Type Of ref** Book  **Author(s)//surname before initials**: Lutz, M.  **(Year Published)**: (2011)  ***Title***: *Programming Python*  **Edition**: 4  **PoP**: Sebastopol: O’Reilly Media  **Series and volume number(where needed)**:------ |
| **Ref**: Lutz, M. (2011) *Programming Python*. 4th edn. Sebastopol: O’Reilly Media. |
| **Topic**: Python | **In Text**: according to Lutz (2011)… |
| **Summary/points**:   * Python's adaptability makes it extremely flexible during development. * Prototypes can quickly be established, however once optimisation is needed, lower-level addons/code can be added in a modular fashion. * Python is useful for mixed language systems. * Integration facilities to enable mixed-language development * Good for rapid development * Smaller programs than java | |
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| **Source**: | **Type Of ref** Book  **Author(s)//surname before initials**: Silberschatz, A. Galvin ,P.B. and Gagne, G.  **(Year Published)**: (2011)  ***Title***: *Operating System Concepts*  **Edition**: 9  **PoP**: USA: John Wiley & Sons, Inc  **Series and volume number(where needed)**:------ |
| **Ref**: Silberschatz, A. Galvin ,P.B. and Gagne, G. (2011) *Operating System Concepts*. 9th edn. USA: John Wiley & Sons, Inc. |
| **Topic**: Python | **In Text**: according to Silberschatz, Galvin and Gagne (2011)… |
| **Summary/points**:   * The critical section problem * Locking * Mutex Locks * Semaphores * Starvation & Deadlocks | |
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| **Source**: | **Type Of ref** Book  **Author(s)//surname before initials**: Beazley, D. and Jones, B.K.  **(Year Published)**: (2013)  ***Title***: *Python Cookbook*  **Edition**: 3  **PoP**: Sebastopol: O’Reilly Media.  **Series and volume number(where needed)**:------ |
| **Ref**: Beazley, D. and Jones, B.K. (2013) *Python Cookbook*. 3rd edn. Sebastopol: O’Reilly Media. |
| **Topic**: Python & JSON | **In Text**: according to Silberschatz, Galvin and Gagne (2011)… |
| **Summary/points**:   * The format of JSON encoding is almost identical to Python syntax except for a few minor changes. | |
|  | |
| **Source**: | **Type Of ref** Book  **Author(s)//surname before initials**: Beazley, D. and Jones, B.K.  **(Year Published)**: (2013)  ***Title***: *Python Cookbook*  **Edition**: 3  **PoP**: Sebastopol: O’Reilly Media.  **Series and volume number(where needed)**:------ |
| **Ref**: Beazley, D. and Jones, B.K. (2013) *Python Cookbook*. 3rd edn. Sebastopol: O’Reilly Media. |
| **Topic**: Python & JSON | **In Text**: according to Silberschatz, Galvin and Gagne (2011)… |
| **Summary/points**:   * The format of JSON encoding is almost identical to Python syntax except for a few minor changes. | |
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| **Source**: | **Type Of ref** Book  **Author(s)//surname before initials**: Hughes, B. and Cotterell, M.  **(Year Published)**: (2006)  ***Title***: *Software Project Management*  **Edition**: 4  **PoP**: McGraw-Hill Education  **Series and volume number(where needed)**:------ |
| **Ref**: Hughes, B. and Cotterell, M. (2006) *Software Project Management*. 4th edn. Berkshire: McGraw-Hill Education. |
| **Topic**: Software Project Management – process models | **In Text**: according to Hughes and Cotterell (2006) … |
| **Summary/points**:   * There are often more flexible methods available when considering waterfall method (which has a limited scope for iteration). * The V-process provides validation at each activity. This means that if a discrepancy is found during implementation, then the project will loop back to a corresponding stage for corrections to be applied. * The spiral process model gives a more realistic iterative view of the project lifecycle. However, greater risk assessment expertise is needed to forecast issues.   **Student Projects/Small Projects**   * Use of unfamiliar tools affect estimation of how long tasks will take. | |
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| **Source**: | **Type Of ref** Book  **Author(s)//surname before initials**: Holden, S.  **(Year Published)**: (2002)  ***Title***: *Python Web Programming*  **Edition**: 1  **PoP**: IN: New Riders.  **Series and volume number(where needed)**:------ |
| **Ref**: Holden, S. (2002) *Python Web Programming*. IN: New Riders. |
| **Topic**: Python & HTTP | **In Text**: according to Holden (2002)… |
| **Summary/points**:   * Using server framework library with Python * Asynchronous clients * One of pythons strengths is its large library(see beginning of book) | |
|  | |
| **Source**: | **Type Of ref** Book  **Author(s)//surname before initials**: Sommerville, I.  **(Year Published)**: (2010)  ***Title***: *Python Web Programming*  **Edition**: International ed of 9th revised ed  **PoP**: Hagerstown: Pearson.  **Series and volume number(where needed)**:------ |
| **Ref**: Sommerville, I. (2010) *Software Engineering*. International ed of 9th revised ed. Hagerstown: Pearson. |
| **Topic**: Process Models | **In Text**: according to Sommerville (2010)… |
| **Summary/points**:   * The waterfall’s main problem is its inflexibility when trying to define clear stages. Commitments must be made at an early stage. The project becomes vulnerable to changes in development. P 32 * Waterfall should only be used when requirements are well understood and unlikely to change. P 32 * Parts of the system that are difficult to specify in advance, such as a GUI, should be developed using an incremental approach. P 30 | |

**Websites**

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| **Source**: http://www.portaudio.com/ | **Type Of Document**: website (no date) |
| **Ref**: *PortAudio* http://www.portaudio.com/ (no date)(Accessed: 4 November 2015) |
| **Topic**: Port Audio Library | **In Text**: (http://www.portaudio.com/, no date). |
|  | |
| **Source**: http://sox.sourceforge.net/ | **Type Of Document**: website - org as author  **Year of publish/update()**: 22 February 2015  ***Title of site***: SoX – Sound Exchange  **Available at**: http://sox.sourceforge.net/  **(Accessed:)**: 4 November 2015 |
| **Ref**: *PortAudio* http://www.portaudio.com/ (no date)(Accessed: 4 November 2015) |
| **Topic**: Sound Exchange Library | **In Text**: Sound Exchange (http://sox.sourceforge.net/, no date) |
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| **Source**: http://mobilehtml5.org/ | **Type Of Document**: website - org as author  **Year of publish/update()**: 17 september 2015  ***Title of site***: *Mobile HTML5*  **Available at**: http://mobilehtml5.org/  **(Accessed:)**: 4 November 2015 |
| **Ref**: Mobile HTML5 (2015) *Mobile HTML 5*.Available at: http://mobilehtml5.org/(Accessed: 4 November 2015) |
| **Topic**: mobile html 5 has access to low level features of mobile phones – recording… | **In Text**: HTML 5 (2015) |
| **Summary**: **HTML Media Capture**  [W3C API](http://www.w3.org/TR/html-media-capture/" \t "_blank)  Taking pictures, record video and audio from an input fle type | |
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| **Source**: https://cordova.apache.org// | **Type Of Document**: website - org as author  **Year of publish/update()**: 2015  ***Title of site***: *Apache Cordova*  **Available at**: https://cordova.apache.org/  **(Accessed:)**: 4 November 2015 |
| **Ref**: Apache Cordova (2015) *Apache Cordova*.Available at: https://cordova.apache.org/ (Accessed: 4 November 2015) |
| **Topic**: Cordova allows multi-platform hybrid web-app development through a common/wrapper api… | **In Text**: Apache Cordova (2015) |
| **Summary**: cordova api allows multi platform low level development | |
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| **Source**: http://phonegap.com// | **Type Of Document**: website - org as author  **Year of publish/update()**: 2015  ***Title of site***: *PhoneGap*  **Available at**: http://phonegap.com//  **(Accessed:)**: 4 November 2015 |
| **Ref**: Adobe PhoneGap (2015) *PhoneGap.*Available at: http://phonegap.com// (Accessed: 4 November 2015) |
| **Topic**: mobile html 5 has access to low level features of mobile phones – recording… | **In Text**: my repository (GitHub, 2015) allows |
| **Summary**: | |
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| **Source**: http://www.surina.net/soundtouch/ | **Type Of Document**: website (no date) |
| **Ref**: *SountdTouch* http://www.surina.net/soundtouch/ (no date)(Accessed: 4 November 2015) |
| **Topic**: SoundTouch Library | **In Text**: (http://www.surina.net/soundtouch/, no date). |
| **Summary**: SoundTouch is an open-source audio processing library for changing the Tempo, Pitch and Playback Rates of audio streams or audio files. The library additionally supports estimating stable beats-per-minute rates for audio tracks. | |
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| **Source**: https://github.com/ | **Type Of Document**: website - org as author  **Year of publish/update()**: 2015  ***Title of site***: *GitHub*  **Available at**: https://github.com/jackholmes1992/ProjectRepo  **(Accessed:)**: 5 November 2015 |
| **Ref**: GitHub, Inc. (2015) *GitHub.*Available at: <https://github.com/> (Accessed: 5 November 2015) |
| **Topic**: github allows staged software development. | **In Text**: GitHub (2015) |
|  | |
| **Source**: http://www.kompoz.com/music/home | **Type Of Document**: website - org as author  **Year of publish/update()**: 2015  ***Title of site***: *Kompoz*  **Available at**: http://www.kompoz.com/music/home  **(Accessed:)**: 5 November 2015 |
| **Ref**: Kompoz (2015) *kompoz.*Available at: http://www.kompoz.com/music/home (Accessed: 5 November 2015). |
| **Topic**: Kompoz | **In Text**: Kompoz (2015) allows |
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| **Source**: https://splice.com/ | **Type Of Document**: website - org as author  **Year of publish/update()**: 2015  ***Title of site***: *Splice*  **Available at**: <https://splice.com/>  **(Accessed:)**: 5 November 2015 |
| **Ref**: Splice.com (2015) *Splice.*Available at: https://splice.com/ (Accessed: 5 November 2015). |
| **Topic**: Splice | **In Text**: Splice (2015) allows |
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| **Source**: http://www.jamly.co/ | **Type Of Document**: website - org as author  **Year of publish/update()**: 2015  ***Title of site***: *Jamly*  **Available at**: http://www.jamly.co/  **(Accessed:)**: 5 November 2015 |
| **Ref**: Jamly.co (2015) *Jamly.*Available at: http://www.jamly.co (Accessed: 5 November 2015). |
| **Topic**: Jamly | **In Text**: Jamly (2015) allows |
|  | |
| **Source**: https://software.intel.com/en-us/intel-xdk | **Type Of Document**: website - org as author  **Year of publish/update()**: 2015  ***Title of site***: *Intel Developer Zone*  **Available at**: https://software.intel.com/en-us/intel-xdk  **(Accessed:)**: 5 November 2015 |
| **Ref**: Intel Corporation (2015) *Intel Developer Zone.*Available at: https://software.intel.com/en-us/intel-xdk (Accessed: 5 November 2015). |
| **Topic**: Intel XDK | **In Text**: Intel XDK (2015) allows |
|  | |
| **Source**: http://audacityteam.org/ | **Type Of Document**: website - org as author  **Year of publish/update()**: 2015  ***Title of site***: *Intel Developer Zone*  **Available at**: http://audacityteam.org/  **(Accessed:)**: 5 November 2015 |
| **Ref**: Audacity (2015) *Audacity.*Available at: http://audacityteam.org/ (Accessed: 5 November 2015). |
| **Topic**: Audacity | **In Text**: Audacity (2015) allows |
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| **Source**: http://www.oracle.com/technetwork/articles/piotrowski-pythoncore-084049.html | **Type Of Document**: website - author  **Year of publish/update()**: 2006  ***Title of site***: *Build a Rapid Web Development Environment for Python Server Pages and Oracle*  **Author**: *Przemyslaw Piotrowski*  **Available at**: http://www.oracle.com/technetwork/articles/piotrowski-pythoncore-084049.html  **(Accessed:)**: 5 November 2015 |
| **Ref**: Piotrowski, P. (2006) *Build a Rapid Web Development Environment for Python Server Pages and Oracle.*Available at: http://www.oracle.com/technetwork/articles/piotrowski-pythoncore-084049.html  (Accessed: 6 November 2015). |
| **Topic**: Python library advantage | **In Text**: The python library’s standard library provides a lot of functionality (*Piotrowski*, 2006). |
| **Summary**: One of Python's greatest strengths is its extensive standard library as it allows you to start developing almost any type of program straight away… | |
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| **Source**: http://www.json.org/ | **Type Of Document**: website – no date |
| **Ref**: *Introducing JSON* http://www.json.org/ (no date)(Accessed: 6 November 2015) |
| **Topic**: JSON compatibility with ‘C’ type languages | **In Text**: The python library’s standard library provides a lot of functionality (*Piotrowski*, 2006). |
| **Summary**: JSON is a text format that is completely language independent but uses conventions that are familiar to programmers of the C-family of languages, including C, C++, C#, Java, JavaScript, Perl, Python, and many others. These properties make JSON an ideal data-interchange language. | |

Other:

<http://www.martymodell.com/pgsa2/pgsa20.html>