

## The Prime Machine: Software Version History

The Prime Machine is a user-friendly corpus tool for English language teaching and self-tutoring based on the Lexical Priming theory of language; the software was developed by Stephen Jeaco.

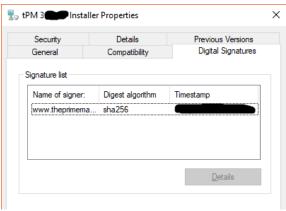
For more details see www.theprimemachine.net

Latest Version	3.0.12.x
ZIP Folder	.EXE Modified 04 June 2018, 09:28:16
Windows Installer Package	04 June 2018, 09:32:33
Thumbprint	f84bd5f57277ada537da8e9140db127029374eff
Current Server Version	tPM Server 3.05 <sup>†</sup>

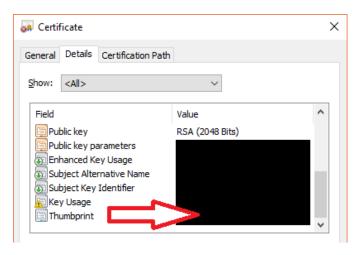
<sup>†</sup> The Server Version will be displayed when you connect.

Prior to Version 3, the software was only available to staff and students at Xi'an Jiaotong-Liverpool University, Suzhou, China.

## To view the Digital Signature Thumbprint



- 1. Right-click on the file and select **Properties**.
- 2. Choose the **Digital Signatures** tab.
- 3. Select www.theprimemachine.com from the list of signers.
- 4. Click View Certificate.



- 5. Click the **Details** tab.
- 6. Scroll down to view the Thumbprint value.
- 7. The Thumbprint value should match the value on this document.

## Summary of developments and bug fixes:

2.0.42	First for a great in a "distant" or with great and at least of the second state of
3.0.12.x	Fixes for connections "distant" or with greater network latency, and other
04/06/2018	<ul> <li>fixes:</li> <li>Fixed: The "quicker notification" function introduced in 3.0.11 unfortunately meant that users without high speed connections through to the server in Suzhou were unable to connect<sup>1</sup>; this has therefore been made less sensitive, but will mean the App may take 20 seconds or so to timeout on the (hopefully rare) occasions when the server is inaccessible, or if the user selects "Try tPM Home Network" when not connected to the tPM Home Network.</li> <li>Fixed: The DIY Corpus Tool feature allowing users to create lists of clusters containing a specific word now does display correct values for frequency and category counts.</li> </ul>
	Fixed: Issue with scrolling through texts in DIY Corpus after using the
	Average MI Score feature.
	<ul> <li>Enhanced: The DIY Corpus Tools now convert space-like characters to a normal space; this is particularly useful for texts from websites which may have included non-breaking space characters, etc.</li> </ul>
3.0.11.x	Minor bug fixes and enhancements:
14/05/2018	New: Error message displayed if connection fails;
	Enhanced: List of servers extended to include theprimemachine.net;
	<ul> <li>Enhanced: Quicker notification of connection issue (if attempt to connect fails);</li> </ul>
	<ul> <li>Fixed: Issue with priming tendency icons when application window is covered by another window;</li> </ul>
2040	Minor bug fixes
3.0.10.x	Minor bug fixes
10/04/2018 3.0.1.x	V2 Major now release.
28/12/2017	V3 Major new release: This new version allows external (offsite) access for the first time, along with a
20/12/2017	host of new features:
	Off-site access available
	<ul> <li>Offline mode (previously saved search results can be viewed offline)</li> <li>Frequencies Tab added</li> </ul>
	<ul> <li>Lines/Cards tab re-vamped; Lines + available for both sides</li> </ul>
	<ul> <li>Cards redesigned (Lines/Cards Tab now more responsive)</li> </ul>
	Filtering re-vamped
	<ul> <li>Concordance line sorting updated (user now receives a fixed random sample; sorting works locally without needing to retrieve new results)</li> </ul>
	Range of LL Collocation patterns increased
	Delta P Collocations added
	<ul> <li>Additional contextual environment patterns (on Graphs Tab):</li> <li>Quotations</li> </ul>
	<ul> <li>Part-of-Speech (based on pre-tagging by CLAWS)</li> <li>Complexity (Projecting Sentence added)</li> </ul>

_	
	<ul> <li>Meanings (Wordlists updated; UCREL Semantic Tagger also used)</li> </ul>
	<ul> <li>Repetition (now measures repetition in window one sentence before/after sentence containing the node)</li> </ul>
	Labels Tab: Neighbourhood labels added based on UCREL Semantic
	Tagging
	Wordlists updated
	DIY Text Tools     DIY Text Import
	<ul><li>DIY Text Import</li><li>DIY Corpus Save/Load</li></ul>
	DIY Wordlist Tools
	<ul><li>Wordlist</li></ul>
	<ul><li>MI Collocations</li></ul>
	<ul> <li>LL Collocations</li> </ul>
	■ Clusters
	<ul><li>Key Associates</li><li>Wordlist Statistics</li></ul>
	<ul> <li>Keywords</li> </ul>
	<ul><li>Key Keywords</li></ul>
	<ul><li>Concordance lines</li></ul>
	<ul> <li>Multiple Searches</li> </ul>
	<ul><li>Clusters</li><li>Compare with other DIY Corpus or with online corpus</li></ul>
	LL Calculator
	Corpus Text List
	Improvements to Search Screen
	Search History functional when offline
2.07 28/03/2017	Minor bug fixes
2.05	Minor bug fixes
23/03/2016	
2.01	V2 Major new release (XJTLU only):
24/02/2016	Version 2 included many enhancements including a range of research-related features:
	Additional contextual environment patterns (on Graphs Tab):
	<ul> <li>Voice (near basic to be and near basic to have added)</li> </ul>
	<ul> <li>Meaning (positive and negative words from wordlists in nearby</li> </ul>
	context)
	Research Tools added     Nultiple Searches
	<ul><li>Multiple Searches</li><li>Wordlists</li></ul>
	Clusters
	<ul> <li>Key words based on priming features</li> </ul>
1.0	V1 (XJTLU only)
16/05/2014	This version is the version described in the doctoral thesis, and is the version
	used for the initial evaluation in May 2014.

Jeaco, S. (2015). The Prime Machine: a user-friendly corpus tool for English language teaching and self-tutoring based on the Lexical Priming theory of language. Unpublished Ph.D. dissertation, University of Liverpool.

Thesis available for immediate download from:

- The University of Liverpool repository: <a href="https://livrepository.liverpool.ac.uk/2014579/">https://livrepository.liverpool.ac.uk/2014579/</a> or
- The British Library: http://ethos.bl.uk/OrderDetails.do?uin=uk.bl.ethos.658124

Last updated: 4 June 2018

<sup>&</sup>lt;sup>1</sup> Thanks to those who tried the first public release of tPM and helped me narrow down the cause of this problem.