# Change Log v4.1



#### HstEx® v4.1

Date : 2015-02-16 14:56:10

File : HstEx-x86-EN-4.1.15047.15.exe

Size : 11,560,728 (11.03 MB)

Build : 4.1.15047.15

MD5 : e6f72ee8cde1c731a74a82428b090158

SHA1 : 7f0d21c4696d009921d2015aea3264df25355dab

SHA256 : 68c64569bc0087393c766e28fff824f49341476bfd64b0b6bdc358708045d389

 $\mathtt{SHA384} \ : \ \texttt{f2997187} \\ \mathtt{eab400f8afec6ff5b4c30017888e45382734990085736dd6fd9a633ac469fd5e31513d91b1f6376b416b2f24} \\ \mathtt{f2997187} \\ \mathtt{eab400f8afec6ff5b4c30017888e45382734990085736dd6fd9a633ac469fd5e31513d91b1f6376b416b2f24} \\ \mathtt{f2997187} \\ \mathtt{f299718} \\$ 

SHA512 :

 $\verb|c6f410af20f20168df59148cac40bd4f231275d585a1c4fcad832fed9658f927c81aa9b12a71bf9bd4b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0eedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0ed157bb9b44b2a0eeedb64944726fa0eebb64944726fa0eebb64944726fa0eebb64944726fa0eebb64944726fa0eebb64944726fa0eebb64944726fa0eebb64944726fa0eebb64944726fa0eebb64944726fa0eebb64944726fa0eebb649494766fa0eebb64944766fa0eebb649494766fa0eebb649494766fa0eebb649494766fa0eebb649494766fa0eebb649494766fa0eebb6494946fa0eebb6494946fa0eebb6494946fa0eebb6494946fa0eebb6494946fa0eebb649496fa0eebb649496fa0eebb649496fa0eebb649496fa0eebb649496fa0eebb6496fa$ 

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### **Notes**

HstEx® v4.1 brings support for a number of new browsers and artefacts including the changes made in Apple Safari v8. All of the SQLite recovery engines have been updated resulting in an increase in performance and accuracy.

## **New Features**

- [HST-337] Added support to recover keyword\_search\_terms for all Chromium based browsers
- [HST-344] Added support for SRWare Iron browser v38
- [HST-346] Added support for Google Chrome v38 40
- [HST-347] Added support for Mozilla Firefox v33 35
- [HST-348] Added support for Comodo Dragon v34 36
- [HST-349] Added support for Opera Blink v25 27
- [HST-350] Added support for Pale Moon v25
- [HST-351] Added support for Torch v34 36
- [HST-363] Support for recovery of Safari 8 history\_items and history\_visits (new file format in Safari v8)

## **Improvements**

- [HST-335] Firefox moz\_places database structure has changed in v34
- [HST-338] Improved recovery of SQLite record entries (all SQLite recovery engines have been updated)
- [HST-339] Added support for SeaMonkey Mozilla cache v2
- [HST-340] Updated handling of Mozilla Cache v2 due to changes made in Firefox v33
- [HST-341] Improved handling of Safari Binary Plist data
- [HST-360] Improved handling for corrupt Binary Plist files

#### Resolved Issues

- [HST-332] Not recovering records with null page titles from moz\_places entries
- [HST-333] Not recovering Chrome Cookies where encrypted\_value BLOB actually contains zero length string
- [HST-361] Unable to add job to session database, constraint failed
- [HST-362] Incorrect description on SeaMonkey artefacts
- [HST-364] Not recovering very large keyword\_search\_terms
- [HST-366] Unable to read beyond the end of the stream when recovering Binary Plist containing corrupt data
- [HST-368] Incorrect offsets for SQLite recovery (offset reported was for payload header, not the start of the record)