**RELEASE NOTES FOR**

**MICROSOFT LOCSTUDIO BUILD TOOLS 6.12**

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The 6.12 release of LocStudio Build Tools contains bug fixes and compiler updates for Windows 8. Please review these important notes before installing LocStudio 6.12.

**Installation of LS Build Tools 6.12:**

Before you install LSBT 6.12, please ensure you have removed all previous versions of LocStudio Build Tools.

Install LocStudio Build Tools 6.12 from <http://toolbox/LSBT612/>.

Installation is accomplished by copying the files from the release folder to a local machine folder; there is no installation program.

**Removal of LS Build Tools 6.12:**

To uninstall LocStudio Build Tools 6.12, delete the folder in which LSBT 6.12 is installed.

**Support:**

LocStudio Build Tools 6.12 is the only fully supported version of LocStudio Build Tools; previous versions have limited support and code updates are only provided for the 6.12 version.

**Known Issues:**

None.

**File version:**

LocStudio Build Tools 6.12: 6.12.4929.00

LocStudio Editor 6.12: 6.12.4929.00

**Bugs Fixed:**

The following 18 bugs are fixed in this release.

|  |  |
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| **ID** | **Title** |
| 631 | msi parser divides by zero on resources of length multiple of 50 |
| 5159 | pseudo-localized font not used iwith nap client configuration dialog |
| 22735 | MSI parser causes unnecessary resource churn in builds when LSBuild threads running simultaneously (QFE5) |
| 32925 | ps-ps parseint32 failure |
| 33230 | Display issue with Target Dialog in LocStudio 6.11 |
| 38783 | LSBuild: Win32.dll -- Error generating - LSBuild : Error BT1003 - System.AccessViolationException: Attempted to read or write protected memory. This is often an indication that other memory is corrupt. |
| 41522 | LocStudio: FBL\_ESC\_IMAP\_LTDEV - build breaks due to "don't know how to make ... mfc42\_downlevel.obj" This issue is fixed in the FBL\_ESC\_IMAP branch. |
| 43315 | LocStudio -- LSEditor 6.12 setup needs to be updated -- setup still considers this 6.11 (update version info and allow upgrade from 6.11) |
| 43896 | LSBuild: Translation Platform (TP) lsbuild generate fails with ArgumentOutOfRangeException with notepad.exe |
| 43957 | LSbuild: Translation Platform (TP) lsbuild generate command fails with an assertion for message.dll |
| 45520 | lsbuild: Translation Platform (TP) Assertion with the numeric strings |
| 66096 | LocStudio -- loc2edbconvbase.cpp(2519) : error C4703: potentially uninitialized local pointer variable 'loc2EdbConv' used (Build Break in sdktools\locstudio) |
| 91397 | LSBuild: Automation Blocker -- Assert when generating notepad.exe.mui for zh-CN when TP rule "{StrContains=记事本}" for resource id " \ ;Dialog \ ;Dummy \ 0 \ 11 \ 5 \ 0" -- The comparer is not consistent! |
| 98540 | LocStudio Setup: Eula contains invisible "6.11" text |
| 98971 | LocStudio Setup: LocProject Editor splash screen contains copyright information separated by dots instead of spaces |
| 103741 | LocStudio Setup: Installing v6.12 over v6.11 corrupts LocStudio |
| 134501 | Circular Reference involving LSUtils |
| 138034 | LSBuild: COM exception thrown while executing lsbuild generate which uses Splice |

**New Optional Features:**

Two new optional/private features are released with this version of LocStudio Build Tools.

1. A private feature for Windows Localization is entitled “LSBuild: HashID to consider file path”.  
     
   This feature enables the use of folder name/location information in the creation of Hash IDs by Translation Platform (TP).  
     
   This feature helps to significantly reduce duplicate Hash IDs in Windows during the localization process, by eliminating duplicate Hash IDs caused by the same file name being used in different folders. Hash IDs are used to identify the localized strings in resource files that cause bugs in dynamic screen captures; when Hash IDs are unique it is faster and easier to determine the source of the resource based on Hash ID. This feature is expected to reduce duplicate Hash IDs by 90% or more.  
     
   WinTFS 4255, implemented M1 of Windows 8.
2. A private feature for Office Localization is entitled “Translation Platform: add a new property to AutoRule and LocRule”.   
     
   The feature adds a new condition for LocRule and LocVer settings to enable the selective application of localization rules. This capability provides the ability to consolidate TP-related settings into a single settings file (for example “global\_TP.lss”), and remove multiple project-specific LSS files that are related to TP.  
     
   This new condition will be used by a localization engineer to generate a project-appropriate LocRule for the string (based on project, language, etc.). The generic settings reside in the “global\_tp.lss” file.  
     
   This new condition can be used by a localization engineer to generate a project-appropriate LocRule for the string (based on project, language, etc.). The generic settings reside in the “global\_tp.lss” file. The LSS file can be edited by adding an item-level property bag to the file, or the settings can be edited via Project Settings in LocStudio Editor (in the LocVer Settings and LocRules Settings sections  
     
   WinTFS 103594, implemented M2 of Windows 8.