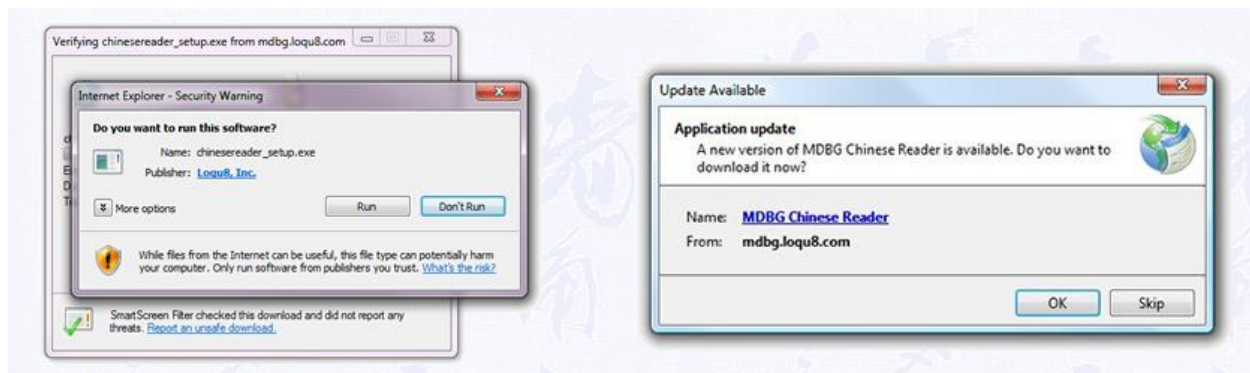




TECHNICAL BULLETIN

Chinese Reader's ClickOnce Installer



MDBG Chinese Reader is installed uses a dynamic installer called ClickOnce from Microsoft. Compared with programs using traditional installers, MDBG's installer only runs within a "sandbox" with limited set permissions based on a security zone.

Chinese Reader offers three important advantages:

- 1. Safe, simplified installation.** The installer is designed to run with just the user's permission; administrative permissions are not required—even under Microsoft Windows 7 and Vista. For maximum security, the MDBG installer does not modify the user's Program folder (or similar locations).
- 2. Fast web updates.** Chinese Reader checks for updates every time the program is started. If an update is approved by the user, only the incremental change is downloaded and installed.
- 3. Conflict-free rollback.** Chinese Reader's installer is completely self-contained and does not rely on shared components. This eliminates version conflicts that may interfere with other applications. If Chinese Reader is un-installed, other applications will not be affected.

Installation Directory

Since writing or installing files to the Windows Program folder (or similar locations) requires administrator's approval, MDBG uses the ClickOnce application folder that is normally hidden in the user's Local Settings folder.

For example on a Windows 7 system, the program is installed in

C:\Users\%UserName%\AppData\Local\Apps\2.0\Data\ where %UserName% is the user account name.

More Information

- Overview: [http://msdn.microsoft.com/en-us/library/142dbbz4\(VS.80\).aspx](http://msdn.microsoft.com/en-us/library/142dbbz4(VS.80).aspx)
- ClickOnce Security: [http://msdn.microsoft.com/en-us/library/76e4d2xw\(VS.80\).aspx](http://msdn.microsoft.com/en-us/library/76e4d2xw(VS.80).aspx)

MDBG

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