LIST_Tools_Pro_At_3_Addin: release notes:

Version 13.06: 15 June 2023

LIST Tools Pro 3 v13.06.01 @3.0
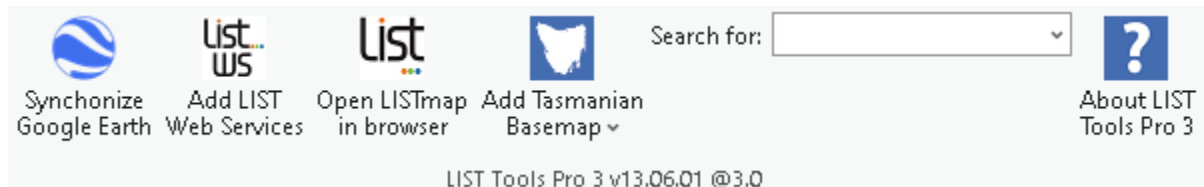
Features

This ESRI ArcGIS Pro add-in toolbar provides quick access to theLIST and a dynamic Google Earth viewer. These services are for the Australian state of Tasmania. This Addin is provided by Land and Heritage Tasmania. (http://nret.tas.gov.au/land-tasmania).

TheLIST (Land Information System Tasmania) is a contemporary online service that provides access to integrated land and property information service. LISTMap allows users to view and create maps from hundreds of authoritative spatial datasets and find out more about the information shown on those maps. Spatial datasets include natural resources, roads, community facilities, property boundaries (cadastre), aerial imagery and survey information. It is publicly available through your computer's web browser or via your mobile device.

With the LIST_Tools_At_Pro_3 (LISTtoolsAtPro3) add-in you can:

- Dynamically synchronize a local Google Earth view with the extent shown in active map frame. When the map frame is changed so does the view in Google Earth.
- Add LIST Web Services directory of public data to the contents pane.
- Open LISTmap in your default browser with an extent similar to that of the active map.
- Load basemaps from theLIST. The currently available basemaps: topographic colour and grey scale, imagery, simple, terrain (colour and grey scale), TasMap (500k, 250k, 100k, 25k) mosaics, the historic Land District Charts, Town Charts and Sprent's Book.
- Search theLIST for features and coordinates in a wide variety of formats. The search results are returned as features.
- Get help on the tools.

Compatibility

ArcGIS Pro. LISTtoolsAtPro3 targets ESRI ArcGIS Pro 3.0.*. It is not backward compatible with earlier releases of ArcGIS Pro. It should be compatible with future editions of Pro3.*. There are separate add-ins (and GitHub repositories) for Pro 2.8+ called LIST_Tools_Pro_AddIn, and ArcMap called LIST_Tools_ArcMap_Addin.

The Add-In Manger of Pro 3 will also show previous List Tools (Pro2.9) edition. When you access this or other incompatible add-ins the Add-In Manager will display a warning message. If you insist, Pro 3 will run the older 2.* add-in but with odd results.

LIST. The LIST related tools are compatible with LIST services after 15 Oct 2019 when all Image Services were deprecated. This Add-In only uses Map services

Net Framework. It targets framework .Net 6.0 and so should be compatible with this or more recent versions of the .Net framework. ArcGIS Pro 3.0+ is not compatible with earlier .Net frameworks.

Google Earth. This release is compatible with recent versions of Google Earth. So far, we have found that if you can successfully install and run a version of Google Earth, the new Google Earth Viewer runs it successfully.

Getting the add-in

- Navigate to github.com/dpipwe and select LIST_Tools_Pro_At_3_addin repository
- Go to the latest release
 Also, you can go to all the releases from the GitHub main:
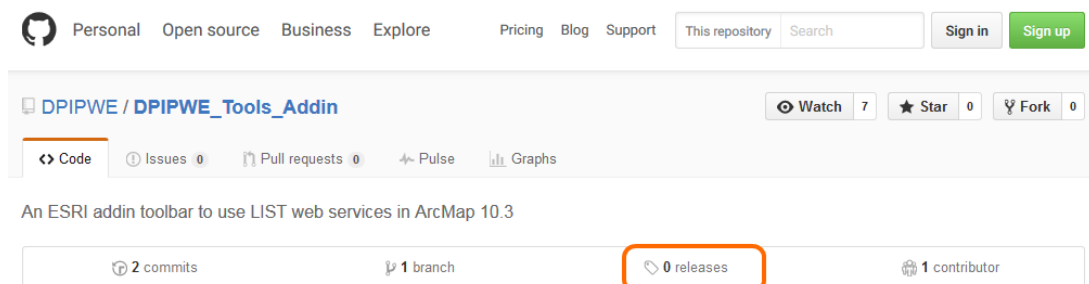
- Download either of the zip file or compressed tar.zip file. They are in standard zip format.
- View and Unzip the documents
- The Add-in is in the sub folder /application as a LISTtoolsAtPro3*.esriaddinx file while documentation is either in the form of *.md files or pdf files in the docs sub directory.

Alternatively, you can download the user documentation and ESRI add-in file separately from their respective subdirectories.

## Loading Add-In's into ArcGIS Pro

Place the LISTToolsAtPro3*.esriAddinx file in an accessible directory. This directory can be on a network drive and so available to everybody that has access to that drive. The esriAddinx file should be at the top level of the directory.

- In ArcGIS Pro: click **Project** tab, which brings up the Pro menu.
- Select Add-In Manager
- Select Options
- Add Folder. When the Add File dialog appears you can either navigate to the folder or paste in its path
- Check *"**Load All Add-Ins**" without restrictions (least secure)* option. We publish our add-ins without a digital signature.
- EXIT the Pro project and restart Pro.
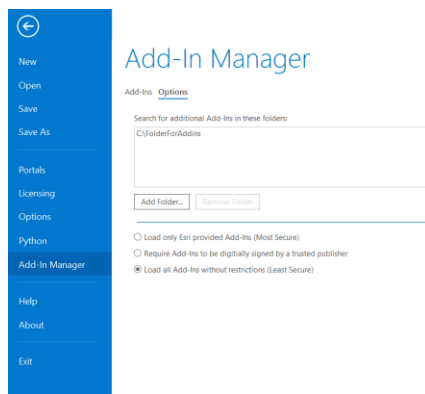
After a restart, the LISTtoolsAtPro3 Addin should appear in the list of "My Add-Ins" displayed by the Add-In manager. The version and date information should match those of the release.

Note: The Add-In Manager shows all Pro Add-Ins including those for Pro 2.*. It will display a warning if you select an incompatible add-in.
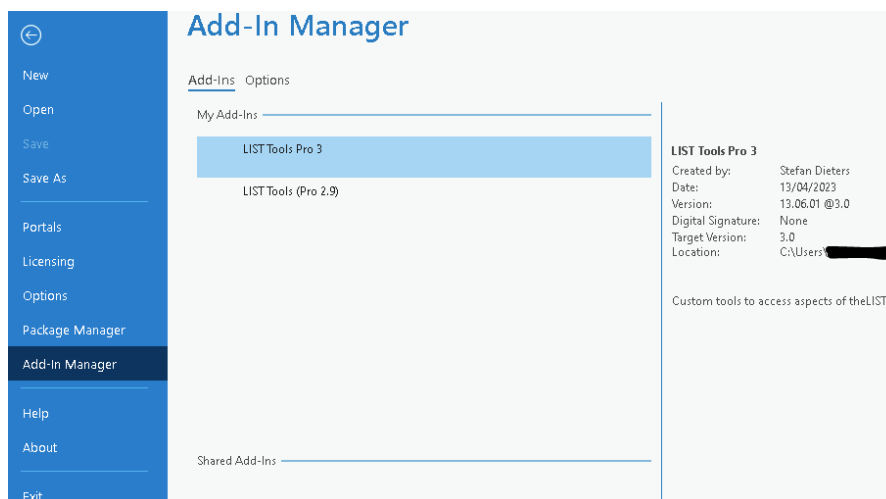
It will also appear as an extra "LIST Tools Pro 3" tab on the ribbon.
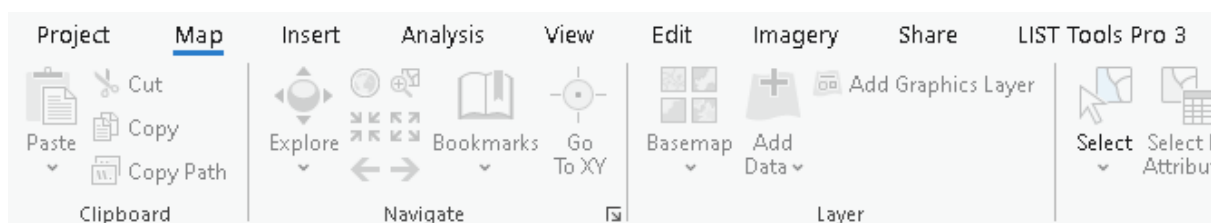
Version Information

1. The Add-In Manager (Project -- > Add-In Manager) should show "LIST Tools Pro 3" add-in with information about its version, creation date, author, and a description.
2. Clicking the help button shows the version number at the top of the help window. This is straight from the application itself and can be relied upon. You may need to use the outer vertical scroll bar to see the version number at the top of the help dock-pane. Answering yes to the dialog shows a pdf containing more detailed help on the commands.

History

The version number reflects the entire local development history. The tools were initially developed for ArcMap, then ported to ArcGIS Pro and most recently this release for ArcGIS Pro 3. The functionality is similar between all versions. The change from ArcMap to Pro allowed for the streamlining and improvement of the functionality. There is no outward difference in the functionality between the Pro 2 and Pro 2 versions of the add-in. from ArcMap DIPWE_Tools, through LIST_Tools, List_Tools Pro to LISTtoolsAtPro3.

This is the first version of the esri Pro 3 version of LIST Tools to be released to GitHub.

Version	Target	First Released	Latest Release	Status
LIST_Tools_ArcMap_Addin	ArcMap 10.8	May 2021	Sep 2022	Not in active development
LIST_Tools_Pro_Addin	Pro 2.6+	Mar 2022	Mar 2022	Not in active development
LIST_Tools_Pro_At_3_Addin	Pro 3.0+	Jun 2023		Ongoing development

Known limitations/issues

ListView: Each time ListView is invoked a new tab is opened in your browser.

LISTWS: Image Service layers are no longer available as a LIST service.

GoogleView: We have had problems installing the latest (2019) 64-bit version of Google Earth. But this appears to be a local proxy problem.

List Search Searches can now use abbreviations. However, spelling must be exact. See the User Notes for details about the various search types possible.

Acknowledgements

The code for our Google Earth Viewer is based upon code by Chris Stayte 2017 see https://github.com/ChrisStayte.

Contact

Please be aware that the tools have been developed primarily for internal the Department of Natural Resources and Environment Tasmania (NRE Tasmania) staff, and hence our ability to provide support to external users is limited. To contact the GIS Systems and Development group:

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