



MyBox: Easy Tools Set

User Guide – Network Tools

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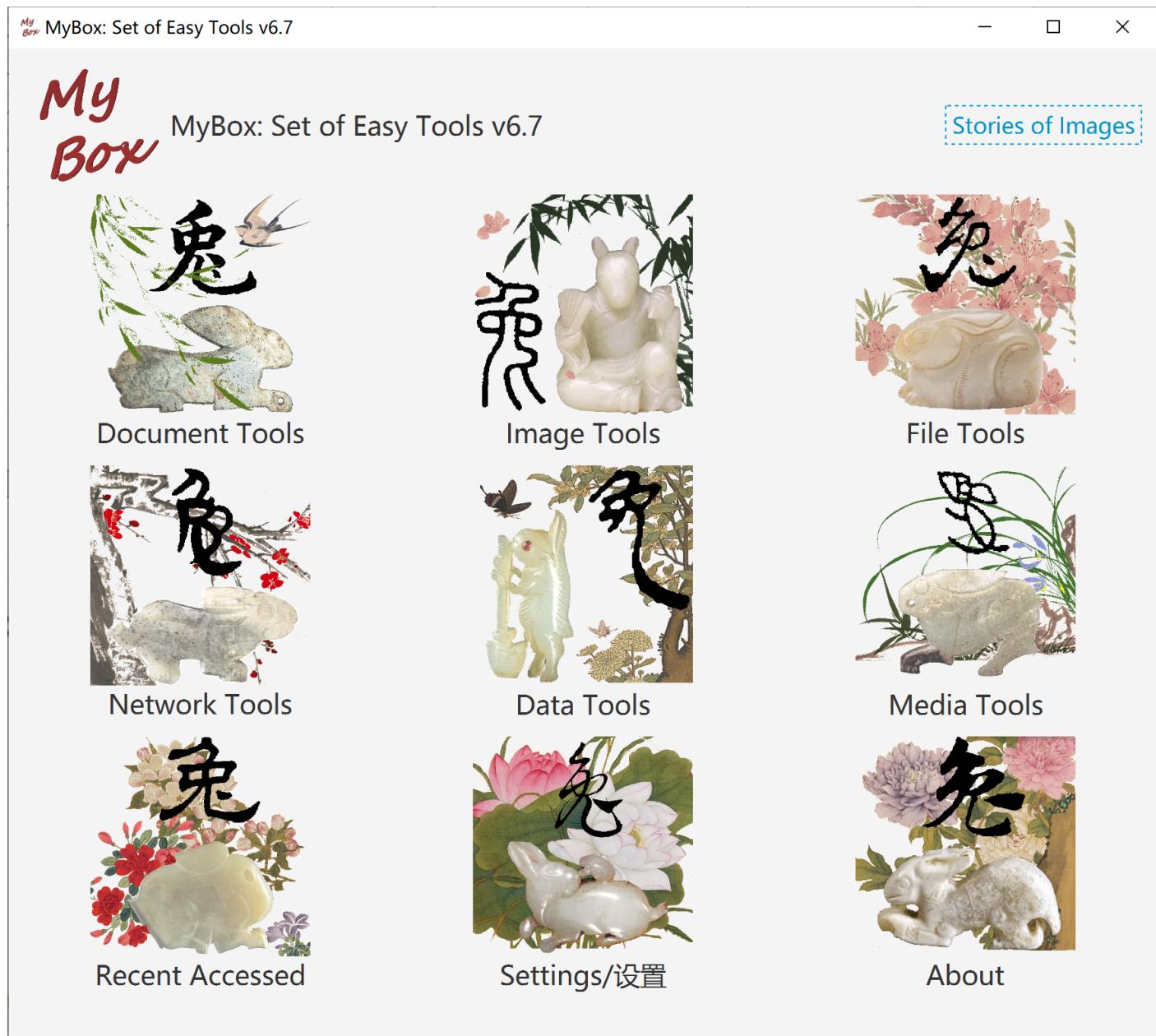
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1 Introduction

This is desktop application based on JavaFx to provide simple and easy functions. It's free and open sources.

1.1 Main Interface



1.2 Resources Addresses

Contents	Link
Project Main Page	https://github.com/Mararsh/MyBox/
Source Codes and Compiled Packages	https://github.com/Mararsh/MyBox/releases
Submit Software Requirements and Problem Reports	https://github.com/Mararsh/MyBox/issues
Data	https://github.com/Mararsh/MyBox_data
Documents	https://github.com/Mararsh/MyBoxDoc
Mirror Site	https://sourceforge.net/projects/mara-mybox/files/
Cloud Storage	https://pan.baidu.com/s/1fWMRzym_jh075OCX0D8yA#list/path=%2F

The screenshot shows a GitHub repository page for 'Mararsh / MyBox'. The top navigation bar includes links for Pull requests, Issues, Marketplace, and Explore. Below the navigation bar, there are tabs for Code, Issues (41), Pull requests, Discussions, Actions, Projects, Wiki, Security, Insights, and Settings. The 'Code' tab is currently selected. A red circle highlights the 'Code' button in the top right of the main content area. The main content area shows a list of files and their commit history. A red circle highlights the 'Releases' section, which shows a latest release labeled 'v6.5.8'.

1.3 Documents

Name	Version	Time	English	Chinese
Development Logs	6.7	2023-1-21	html	html
Shortcuts	6.5.6	2022-6-11	html	html
Functions list	6.6.2	2022-11-30	html	html
Packing Steps	6.3.3	2020-9-27	html	html
Development Guide	2.1	2020-8-27	PDF	PDF
User Guide - Overview	6.7	2023-1-21	html PDF odt	html PDF odt
User Guide - Data Tools	6.7	2023-1-21	html PDF odt	html PDF odt
User Guide - Document Tools	6.7	2023-1-21	html PDF odt	html PDF odt
User Guide - Image Tools	6.7	2023-1-21	html PDF odt	html PDF odt
User Guide - File Tools	6.7	2023-1-21	html PDF odt	html PDF odt
User Guide - Network Tools	6.7	2023-1-21	html PDF odt	html PDF odt
User Guide - Media Tools	6.7	2023-1-21	html PDF odt	html PDF odt
User Guide - Development Tools	6.7	2023-1-21	html PDF odt	html PDF odt
Examples - Notes	6.6.1	2022-11-16	html	html
Examples - Information in Tree	6.6.1	2022-11-16	html	html
Examples - Favorite Address	6.6.1	2022-11-16	html	html
Examples - SQL	6.6.1	2022-11-16	html	html
Examples - JShell	6.6.1	2022-11-16	html	html
Examples - JEXL	6.6.1	2022-11-16	html	html
Examples - JavaScript	6.6.1	2022-11-16	html	html
Examples - Math Function	6.6.1	2022-11-16	html	html
Examples - Row Filter	6.6.1	2022-11-16	html	html
About - Color	6.6.1	2022-11-16	html	html
About - Coordinate System	6.6.1	2022-11-16	html	html
About - Media	6.6.1	2022-11-16	html	html
About - Data Analysis	6.6.1	2022-11-16	html	html
Palette - Common Web Colors	6.7	2023-1-21	major all	major all
Palette - Chinese Traditional Colors	6.7	2023-1-21	major all	major all
Palette - Japanese Traditional Colors	6.7	2023-1-21	major all	major all
Palette - Colors from colorhexa.com	6.7	2023-1-21	major all	major all
Palette - MyBox Colors	6.7	2023-1-21	major all	major all
Stories of Images	6.7	2023-1-21	html PDF odt	html PDF odt

1.4 Menu of Tools

MyBox: Set of Easy Tools v6.7

Stories of Images

The screenshot shows the MyBox application window with a title bar "MyBox: Set of Easy Tools v6.7". The main area contains several tool icons:

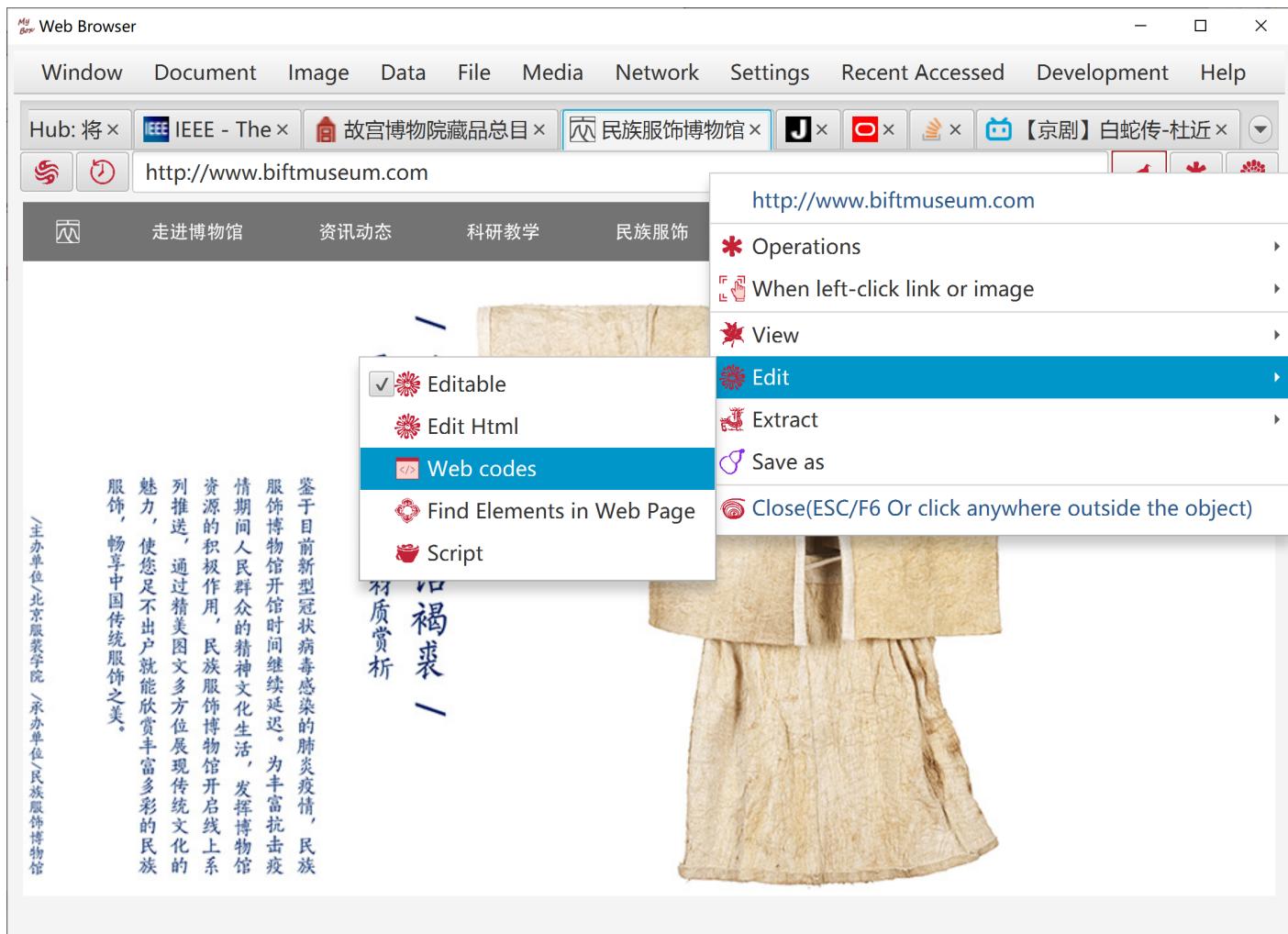
- Document Tools:** An illustration of a rabbit and a piece of paper.
- Image Tools:** An illustration of a rabbit statue surrounded by bamboo and flowers.
- File Tools:** An illustration of a rabbit statue surrounded by pink flowers.
- Network Tools:** An illustration of a rabbit and red berries.
- Media Tools:** An illustration of a rabbit statue surrounded by green plants.
- Recent A:** An illustration of a rabbit statue surrounded by red and yellow flowers.

A context menu is open over the "Network Tools" icon, titled "Stories of Images". The menu items are:

- Web Browser
- Web Favorites
- Web Histories
- Query network address
- Query DNS in batch
- Encode/Decode URL
- Download Htmls
- Snap Weibo
- Security Certificates
- Close(ESC/F6 Or click anywhere outside the object)**

2 Web Browser

1. Display pages in multiple tabs
2. Functions menu.
3. Set operation when left click link or image in html.
4. Set web page as editable.



3 Web Favorites

The screenshot shows the 'Web Favorites' section of the MyBox application. The main window title is 'Web Favorites: 675 - sci-hub *'. The menu bar includes 'Window', 'Document', 'Image', 'Data', 'File', 'Media', 'Network', 'Settings', 'Recent Accessed', 'Development', and 'Help'. The left sidebar has a 'Select' button and a tree view under 'Web Favorite' with categories like Examples, Articles/Data, and Coding. The main panel displays a table of web favorites:

Icon	Title	Address
	English	
	iData	https://www.cn-ki.net
	sci-hub	https://sci-hub.se
	city-Data	http://www.city-data.c...
	oalib	https://www.oalib.com
	jisc	https://www.jisc.ac.uk
	findarticles	http://findarticles.com
	intechopen	https://www.intechope...
	openstax	https://openstax.org
	Library Genesis	http://libgen.rs
	OECD	http://www.oecd.org
	Eurostat	https://ec.europa.eu/e...
	worldvaluessurvey	https://www.worldvalu...
	IEEE	https://www.ieee.org

Below the table are buttons for 'Page' (1/1), 'Page size' (50), and 'Rows: 14/14 Selected: 1'. The right side of the interface shows details for the selected item ('sci-hub'): ID (675), Title (sci-hub), Address (https://sci-hub.se), Icon (eye icon), Path (收藏的网址 > Examples > Articles/Data > English), and Update time (2022-08-30 10:47:19). There are also buttons for 'Color' and 'Tag'.

4 Web Histories

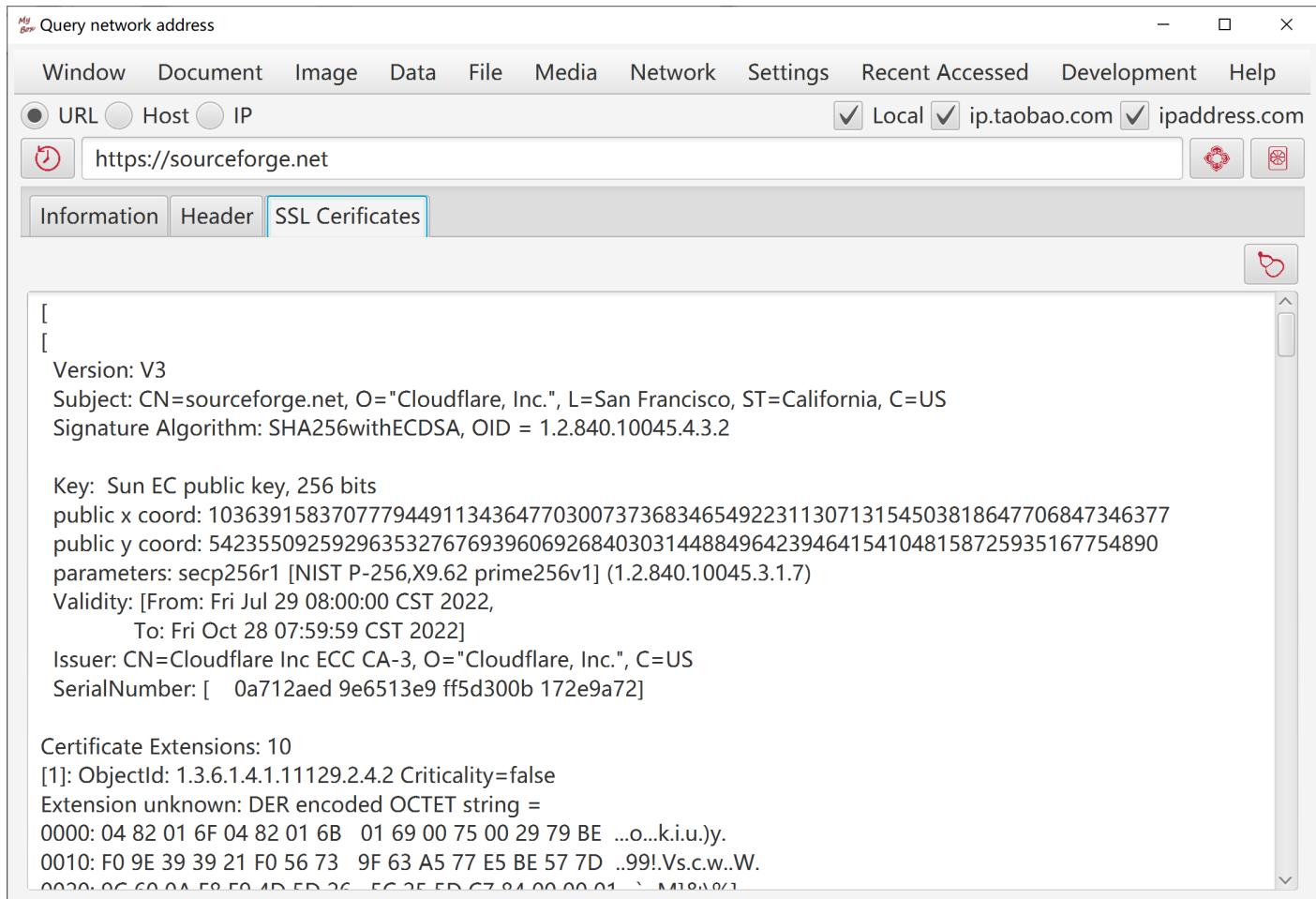
The screenshot shows the 'Web Histories' window in MyBox. The left sidebar contains a tree view of web history entries, with the most recent ones expanded. The main area displays a table of search results for the query "'2022-08-30' + '2022-08-27'".

Table row	Time	Icon	Title
13	2022-08-30 ...		https://openjfx.io
14	2022-08-30 ...	🔗	https://docs.oracle.com
15	2022-08-30 ...	⌚	https://github.com
16	2022-08-30 ...	⚠️	https://stackove...
17	2022-08-30 ...		https://sourcefo...
18	2022-08-30 ...	💻	http://www.biftr...
19	2022-08-30 ...	💻	http://www.biftr...
20	2022-08-30 ...	💻	http://www.biftr...
21	2022-08-30 ...	🔖	https://zm-digic...
22	2022-08-30 ...	IEEE	https://www.ieee...
23	2022-08-30 ...	❓	https://sci-hub.s...
24	2022-08-30 ...	📚	https://www.cn-...
25	2022-08-30 ...	🔖	http://gjzfwf.w...
26	2022-08-30 ...	🔍	https://www.the...
27	2022-08-30 ...		https://www.ans...
28	2022-08-27 ...		关于线性回归 file:///d/tmp/myk...

Page: 1 / 1 | Go | Rows: 28/28 Selected: 1

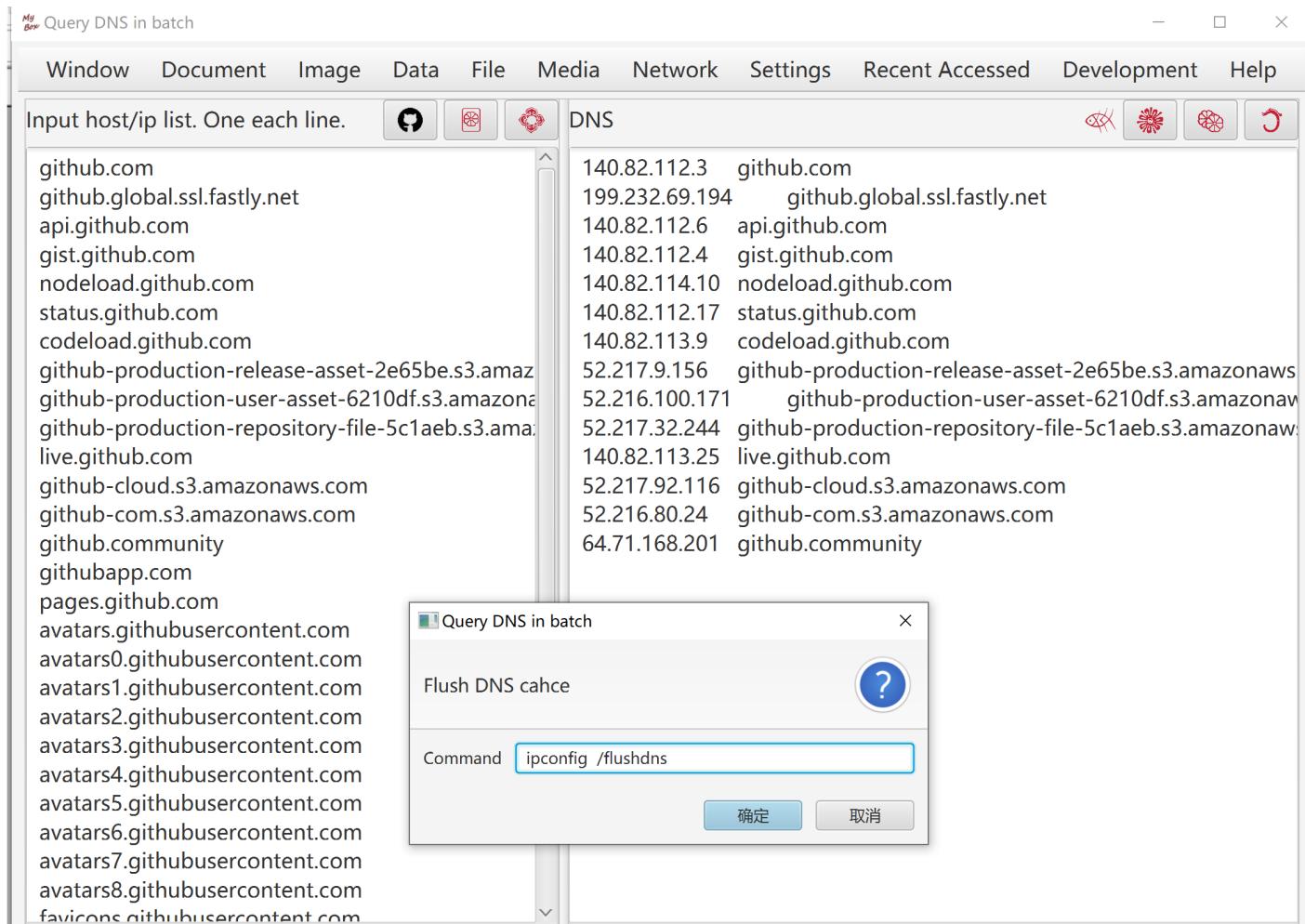
5 Query Address

1. Query URL/host/IP
2. Select: local information, query of ipaddress.com, query of ip.taobao.com
3. View/Save SSL certificate.



6 Query DNS in Batch

1. Input hosts/ips list. Example is provided.
2. Open file "hosts".
3. Execute command to refresh DNS.

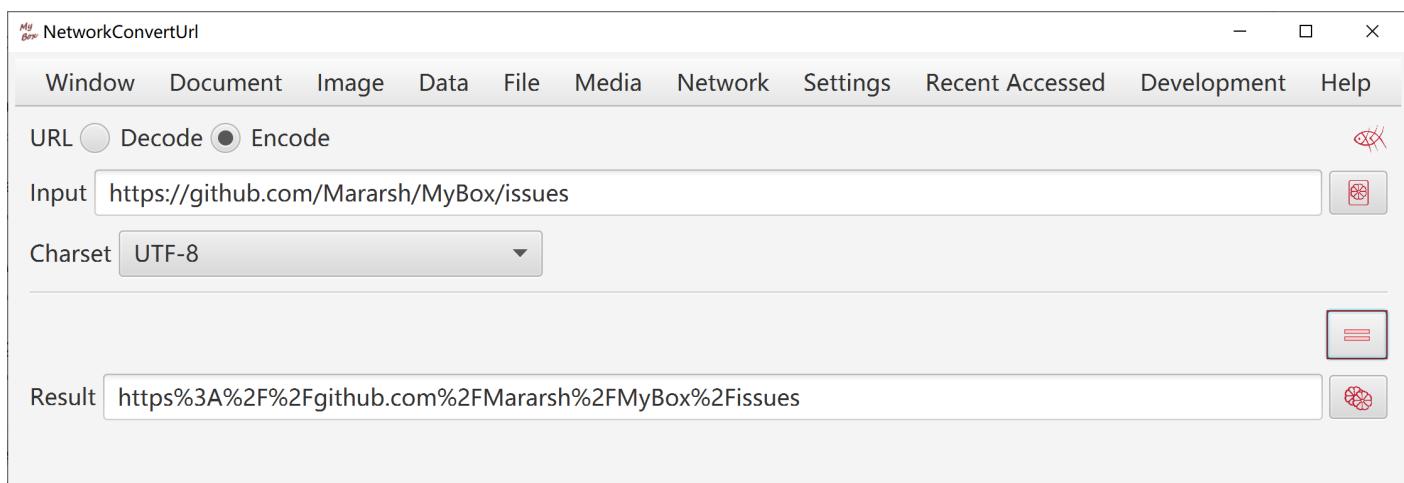


7 Encode/Decode URL

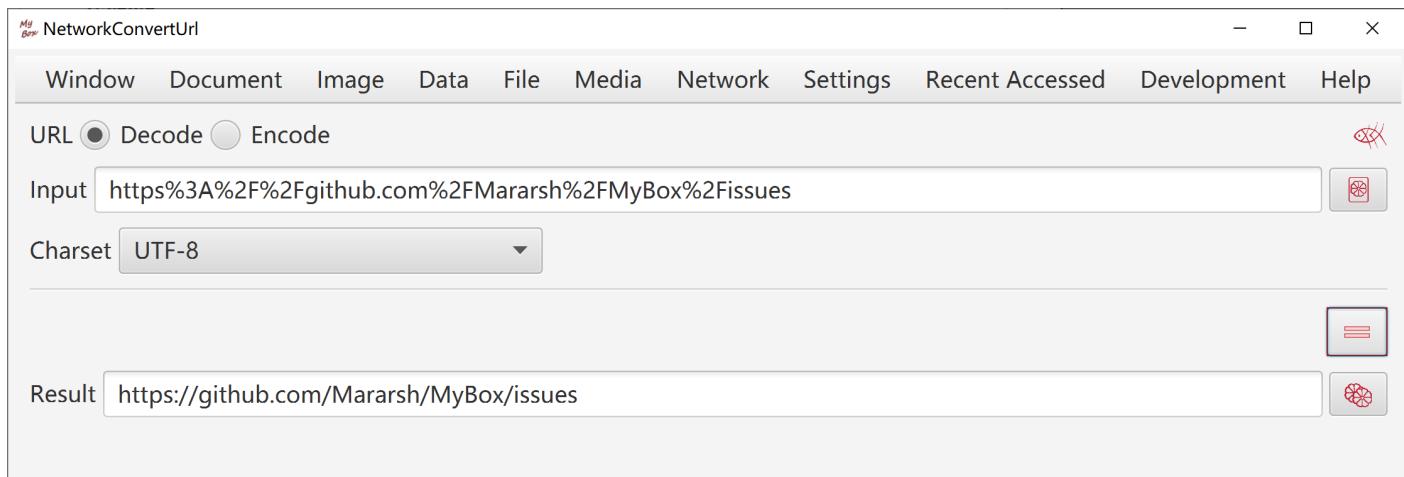
This tool helps to convert a string from/to the application/x-www-form-urlencoded MIME format.

The following rules are applied for encoding:

1. The alphanumeric characters "a" through "z", "A" through "Z" and "0" through "9" remain the same.
2. The special characters ".", "-", "*", and "_" remain the same.
3. The space character " " is converted into a plus sign "+".
4. All other characters are unsafe and are first converted into one or more bytes using some encoding scheme.
5. Then each byte is represented by the 3-character string "%xy", where xy is the two-digit hexadecimal representation of the byte.



Decoding does reverse conversion.



8 Download Web Pages

1. List first level links for given web address.
2. Download web pages of selected links:
 - Select useful links. Nonsense links can create unwanted files and disturb final path index.
 - Use function "Set subdirectory name" to make subdirectory's name reasonable.
 - Use functions "Set link name/title/address as file name" to make filenames meaningful.
 - Use function "Add order number before filename" to help filenames ordered.

MyBox can order names like "xxx9", "xxx36", "xxx157" correctly.
3. Options: Rewrite links in pages, Generate path index, Change pages' encoding, Merge as texts/html/Markdown/PDF.
4. Page style and PDF font files can be set.

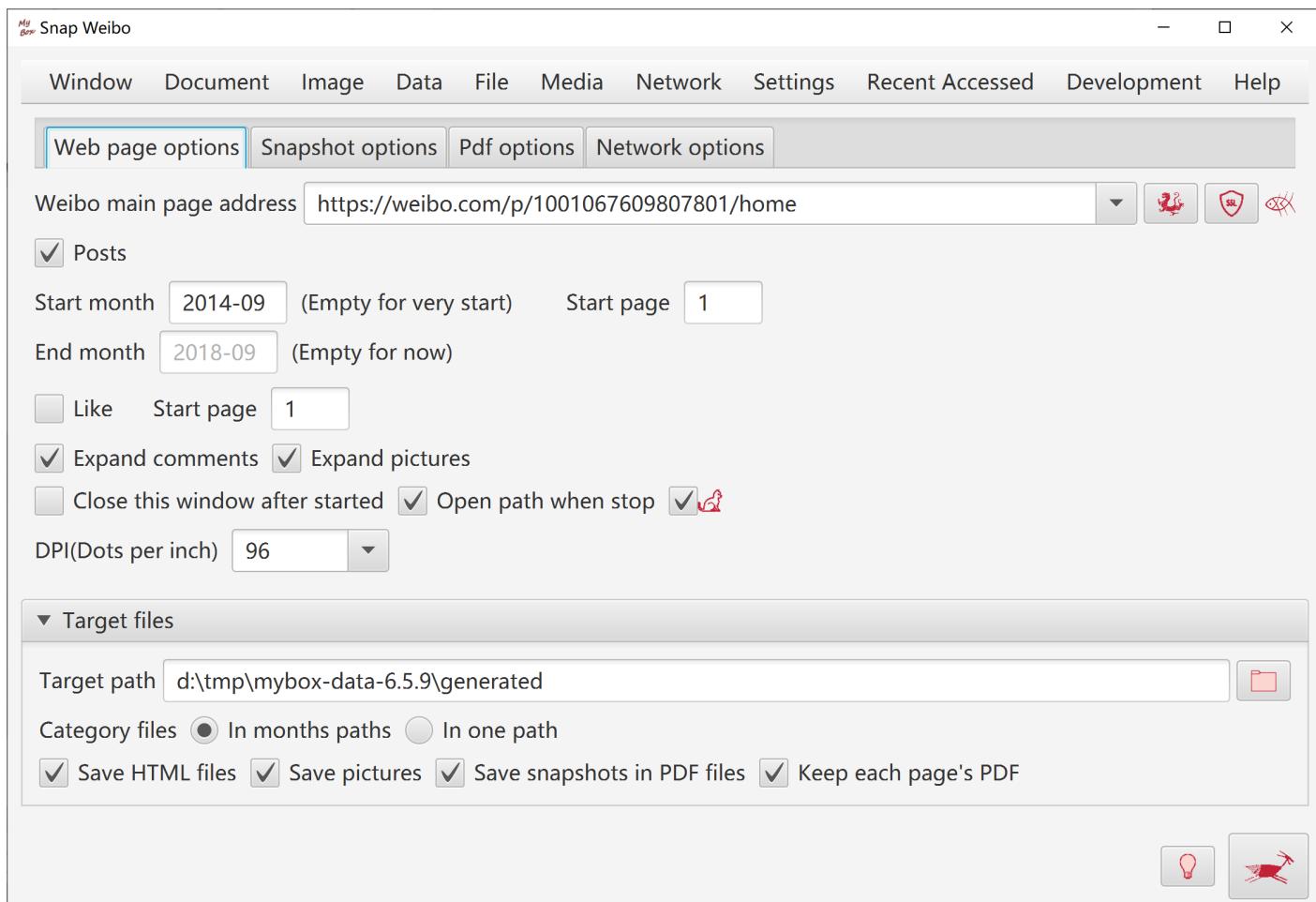
The screenshot shows the 'Download Htmls' window of the MyBox application. The window has a menu bar with options: Window, Document, Image, Data, File, Media, Network, Settings, Recent Accessed, Development, and Help. Below the menu is a toolbar with buttons for Links, Options, Links in queue, Failed links, and Status. A 'Web page address' input field contains the URL <https://www.cnblogs.com/Imageshop/p/10664478.html>. To the right of the address field are several icons for file operations. Below the toolbar is a table titled 'Links: 35'. The table has columns: Table row, Address path, Address file, Index, Subdirectory na..., Target file, and Lin+. The table lists 35 rows of links, with rows 26 through 33 highlighted in blue, indicating they are selected. The last two rows (34 and 35) are standard white rows.

Table row	Address path	Address file	Index	Subdirectory na...	Target file	Lin +
20	https://www.cnblogs.com/		2	d:\tmp\mybox-d...	开发者的网上家园...	
21	https://www.cnblogs.com/		3	d:\tmp\mybox-d...	首页.html	首页
22	https://www.cnblogs.com/		18	d:\tmp\mybox-d...	博客园.html	博客园
23	https://www.cnblogs.com/Im...		17	d:\tmp\mybox-d...	只(挚)爱图像处理....	只(挚)
24	https://www.cnblogs.com/Im...		19	d:\tmp\mybox-d...	首页.html	首页
25	https://www.cnblogs.com/Im...		29	d:\tmp\mybox-d...	Imageshop.html	Image
26	https://www.cnblogs.com/Im...	10664478.html	0	d:\tmp\mybox-d...	0000_2022-08-3...	0000
27	https://www.cnblogs.com/Im...	10664478.html	1	d:\tmp\mybox-d...	10664478.html	
28	https://www.cnblogs.com/Im...	10664478.html	23	d:\tmp\mybox-d...	【算法随记一】C...	【算法
29	https://www.cnblogs.com/Im...	7285564.html	27	d:\tmp\mybox-d...	SSE图像算法优化...	SSE图
30	https://www.cnblogs.com/Im...	10664478.html	31	d:\tmp\mybox-d...	10664478.html	
31	https://www.cnblogs.com/Im...	10664478.html	32	d:\tmp\mybox-d...	10664478.html	
32	https://www.cnblogs.com/Im...	10664478.html	33	d:\tmp\mybox-d...	刷新页面.html	刷新页
33	https://www.cnblogs.com/Im...	10664478.html	34	d:\tmp\mybox-d...	返回顶部.html	返回顶
34	https://www.cnblogs.com/mi...	6394810.html	24	d:\tmp\mybox-d...	Canny边缘检测算...	Cann
35	https://www.cnblogs.com/xin...	5348743.html	26	d:\tmp\mybox-d...	OpenCV 之 边缘...	Open

9 Weibo Snapping Tool

This tool fails to work now.

1. Save Weibo pages of any months of any Weibo accounts automatically. Pages which the account liked can be snapped and saved too.
2. Set the months range.
3. Make sure whole page contents loaded. Can expand the comments and pictures in the pages.
4. Save the pages as local html files which can not be loaded normally due to dynamic loading of WeiBo contents. They can be used to extract texts in the pages.
5. Save the pages' snapshots as PDF files, with options like dpi, format, page size, margins, author, etc.
6. Save all original size pictures in the pages.
7. Display progress information in time.
8. Stop the progress at any time. The interrupted month will be record and input as start month for next execution.
9. Set the retry times of failure.
10. Initialize webview when run at first time. Click button "SSL" if miss this step.



10 Manage Security Certificates

1. Read certificates in any keystore/truststore, and export as html file.
2. Add/Read certificates in any CA files.
3. Download and install certificates of any websites.
4. Delete certificates in keystore/truststore.
5. Backup keystore/truststore automatically when update.

Security Certificates d:\tmp\mybox-data-6.5.9\security\cacerts_mybox

Window Document Image Data File Media Network Settings Recent Accessed Development Help

File

Password: changeit
Key store:

Backup
Backup when save: checked
Backup icons:

Table row **Record ti..** **+**

表中无内容

Maximum backups: 10

Count: 89

	Alias
<input type="checkbox"/> 1	quovadisrootca2 [jdk]
<input type="checkbox"/> 2	quovadisrootca2g3 [jdk]
<input type="checkbox"/> 3	quovadisrootca3 [jdk]
<input type="checkbox"/> 4	quovadisrootca3g3 [jdk]
<input type="checkbox"/> 5	secomsrootca1 [jdk]
<input type="checkbox"/> 6	secomsrootca2 [jdk]
<input type="checkbox"/> 7	securetrustca [jdk]
<input type="checkbox"/> 8	sslrooteccca [jdk]
<input type="checkbox"/> 9	sslrootevrsaca [jdk]
<input checked="" type="checkbox"/> 10	sslrootsaca [jdk]
<input type="checkbox"/> 11	starfieldclass2ca [jdk]
<input type="checkbox"/> 12	starfieldrootg2ca [jdk]
<input type="checkbox"/> 13	starfieldservicesrootg2ca [jdk]
<input type="checkbox"/> 14	swisssignoldg2ca [jdk]
<input type="checkbox"/> 15	swisssignplatinumg2ca [jdk]
<input type="checkbox"/> 16	swisssignsilverg2ca [jdk]
<input type="checkbox"/> 17	teliasonerarootcav1 [jdk]
<input type="checkbox"/> 18	thawteprimaryrootca [jdk]

[
Version: V3
Subject: CN=SSL.com Root Certificate
Signature Algorithm: SHA256withRSA

Key: Sun RSA public key, 4096 bit
params: null
modulus: 10160842116035988202
public exponent: 65537
Validity: [From: Sat Feb 13 01:39:33 2013
To: Wed Feb 13 01:39:39 2013]
Issuer: CN=SSL.com Root Certificate
SerialNumber: [7b2c9bd3 1680...]

Certificate Extensions: 4
[1]: ObjectId: 2.5.29.35 Criticality=false
AuthorityKeyIdentifier [
KeyIdentifier [
0000: DD 04 09 07 A2 F5 7A 7D 52
0010: 25 0D A6 59
]
]

[2]: ObjectId: 2.5.29.19 Criticality=true
BasicConstraints:[
CA:true
]
< >

<End of Document>