



MyBox: Easy Tools Set User Guide - Overview

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Version: 6.7.7

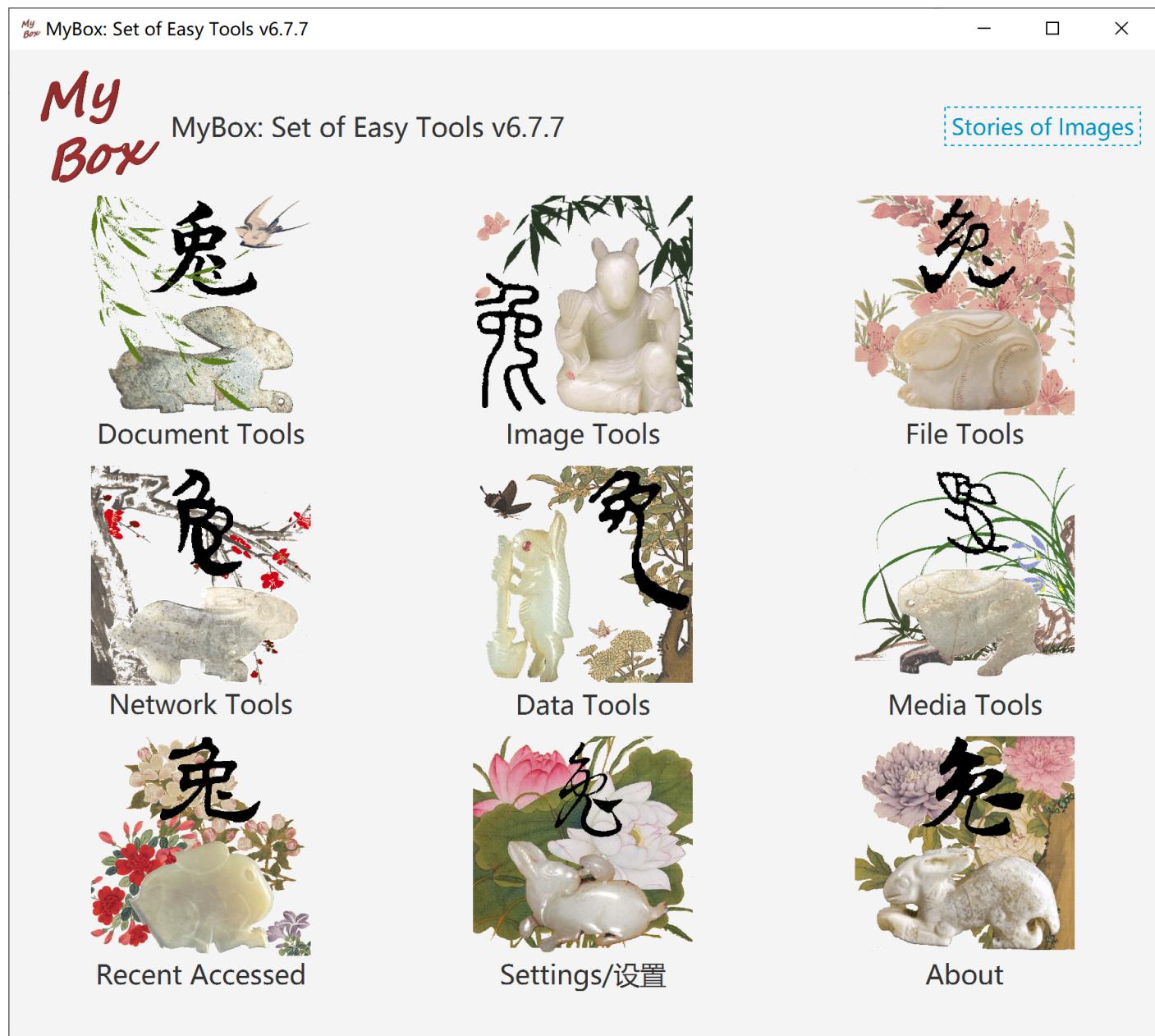
Date: 2023-9-30

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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 What's New

2023-9-30 v6.7.7

- Added:
 - Save and manage Data Definition in tree.
 - New data column type: Large text(2G).
 - Show button “Open by system method” in interfaces of handling file.
 - List all showing windows. Options to close or set/disable “Always in top” against selected windows.
- Improved:
 - Click color block to pop paletter.
 - Click button to pop file backups, rather than always refresh the list when file is saved.
 - Shape example is loaded as user required, rather than set it by default when add shape.
 - In interface of handling data:
 - Option to only import data definition when load example.
 - Data definition can be saved in tree.
 - Data definition can be exported as csv/xml/json/excel.
 - Data definition can be imported from xml.
 - Data definition can be selected in saved tree.
 - Tree information:
 - Parse and encode tree in consistent way while original formats still work.
 - Length of node is enlarged as 2G.
 - Actions of left-click, right-click, and double-click can be selected for menu.
 - To select node, either click tree node or query by tags/times/keywords.
 - Default style is null when display html.
 - Shortcuts list is displayed along with icons list which have not shortcuts.
- Solved problems:
 - “Rename Files” should not override existed files.
 - File names are null in interface of “Check Redundancy Files”.
 - File names are null in interface of “Decompress/Unarchive File”.
 - Fail to add quadratic/cubic/polylines when edit SVG.
 - Error should not be popped when edit shape with empty setting of “dotted”.
 - Error should not be popped when display shape menu with empty shape data.
 - Shortcut “F1/Ctrl+e” should not work for button “Go”.
 - All special characters should be handled when generate json file.
 - Customized languages should be checked when match message.
 - Should prevent new language name which includes name of embedded languages.

[Closed requirements/bugs in this version](#)

Happy birthday to China!

1.2 Notice

Without enough testings, MyBox has low reliability and bad stability. When use MyBox, following may happen:

- Files/Data are damaged.
- Output wrong results.
- Functions fail.
- Other unexpected behaviours.

1.3 Cross Platforms

MyBox is implemented in pure Java and only based on open sources, and it can run on platforms which support Java 20.

Versions before v5.3 are based on Java 8.

1.4 Internationalized

1. All codes of MyBox are internationalized. Language can be switched in time.
2. Each language is defined in one resource files, like: "Messages_NAME.properties".
3. Support adding new languages online. Table is provided with English as comparison. New languages take effects at once.
Example, the new language is named as "aa", and its resource files are Messages_aa.properties.
4. Translated languages can be shared with others: Put the files under "mybox_languages" of data path and MyBox is aware of them immediately.
5. Embed Chinese and English, whose files are under path MyBox/src/main/resources/bundles/.

| Language | Resource file of interface |
|----------|----------------------------|
| Chinese | Messages_zh_CN.properties |
| English | Messages_en.properties |

1.5 Personal

1. All functions are executed in local host.
2. All data are saved in local host.
3. No register/login/DataCenter/Cloud.
4. Access network only when user requests.
5. Only read/write data which user need.

1.6 Friendly

1. Provide tips of current function/interface.
2. Remember user's inputs or selections, and provide histories list.
3. Interfaces can be adjusted and some panes can be hidden.
4. Behaviours of some controls can be chosen.
5. Provide context menu and function menu to texts/image/html/table/tree.
6. Current texts/image/html/data can be popped.
7. Clipboards of texts/image/data can be managed.
8. Provide examples and useful information.
9. Appearance of interface and controls can be chosen and modified.

1.7 Data Compatible

1. Exported data are in common text formats, like txt/csv/xml/json/html.
2. Imported data are in common text format, like txt/csv.
3. At least one exported format can be imported.
4. Imported data are self-contain, that original data can be rebuilt without extra data.

1.8 Embedded Database System

1. Derby is free and open sources:
 - When start MyBox for the first time, some seconds are cost to create internal database tables and write initial data.
 - All database files are under data path, so different target data sets can be handled by switching data paths.
 - Multiple MyBox instances can share data by visiting same data path.
 - When database files not found under data path(damaged or deleted unexpectedly), MyBox can create database automatically.
2. Derby runs in embedded mode by default:
 - External processes can not access the database.
 - Only one MyBox instance can use the database at the same time.
3. Derby can run in network mode:
 - The first visitor becomes the server.
 - Processes of local host can visit the database in port 1527 and becomes its clients.
 - Processes out of local host can not visit the database directly.
4. MyBox internal tables save the data required by all functions. User can access and modify the internal data online.
5. User can define customized database tables.
6. User can view and edit definitions and data of database tables in paginated tables, and execute SQL statements.
7. To implement data sorting, transposing, statistic, and grouping, MyBox will create temporary database tables, and clear them in time.

1.9 Assit Coding Self

1. Monitor memory/CPU usage in real time.
2. Adjust logging online.
3. Generate icons automatically.
4. Edit and apply languages online.
5. Test automatically.
6. All kinds of documents.

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_jh075OCX0D8y8A#list/path=%2F |

文件(F) 编辑(E) 查看(V) 历史(S) 书签(B) 工具(I) 帮助(H)

https://github.com/Mararsh/MyBox

Mararsh / MyBox Public

Code Issues 41 Pull requests Discussions Actions Projects Wiki Security Insights Settings

master 1 branch 90 tags

Mararsh a6.5.9

v6.5.9 5 hours ago 573 commits

alpha/MyBox v6.5.9 5 hours ago

docs v6.5.8 18 days ago

en v6.5.8 18 days ago

released/MyBox v6.5.8 18 days ago

.gitignore v6.5.6 3 months ago

LICENSE Initial commit 4 years ago

README.md v6.5.8 18 days ago

README.md

ReadMe in English

https://github.com/Mararsh/MyBox/releases

About

Easy tools of document, image, file, network, location, color, and media.

html markdown pdf image ocr
csv sql database excel convert
location javafx media bytes ppt
jshell matrix

Readme Apache-2.0 license 79 stars 4 watching 17 forks

Releases 89

v6.5.8 Latest 18 days ago + 88 releases

3 Documents

| Name | Version | Time | English | Chinese |
|---|---------|------------|--|--|
| Development Logs | 6.7.7 | 2023-9-30 | html | html |
| Shortcuts and icon | 6.7.7 | 2023-9-30 | html | html |
| Functions list | 6.7.7 | 2023-9-30 | html | html |
| Packing Steps | 6.7.2 | 2023-4-16 | html | html |
| Development Guide | 2.1 | 2020-8-27 | PDF odt | PDF odt |
| User Guide - Overview | 6.7.7 | 2023-9-30 | html PDF odt | html PDF odt |
| User Guide - Data Tools | 6.7.2 | 2023-4-16 | html PDF odt | html PDF odt |
| User Guide - Document Tools | 6.7.1 | 2023-3-13 | html PDF odt | html PDF odt |
| User Guide - Image Tools | 6.7.2 | 2023-4-16 | html PDF odt | html PDF odt |
| User Guide - File Tools | 6.7.1 | 2023-3-13 | html PDF odt | html PDF odt |
| User Guide - Network Tools | 6.7.2 | 2023-4-16 | html PDF odt | html PDF odt |
| User Guide - Media Tools | 6.7.1 | 2023-3-13 | html PDF odt | html PDF odt |
| User Guide - Development Tools | 6.7.1 | 2023-3-13 | html PDF odt | html PDF odt |
| Tips in Interfaces | 6.7.7 | 2023-9-30 | html | html |
| About - Tree Information | 6.7.7 | 2023-9-30 | html | html |
| About - Data in Two-dimensional Storage Structure | 6.7.3 | 2023-5-22 | html | html |
| About - row expression and row filter | 6.7.2 | 2023-4-16 | html | html |
| About - data grouping | 6.7.1 | 2023-3-13 | html | html |
| About - Data Analysis | 6.6.1 | 2022-11-16 | html | html |
| About - Coordinate System | 6.6.1 | 2022-11-16 | html | html |
| About - Color | 6.6.1 | 2022-11-16 | html | html |
| About - Media | 6.6.1 | 2022-11-16 | html | html |
| About - Items in one sentence about java | 6.7.3 | 2023-5-22 | html | html |
| About - Items in one sentence about javafx | 6.7.3 | 2023-5-22 | html | html |
| Examples - Information in Tree | 6.7.7 | 2023-9-30 | html | html |
| Examples - Favorite Address | 6.7.7 | 2023-9-30 | html | html |
| Examples - Notes | 6.7.7 | 2023-9-30 | html | html |
| Examples - SQL | 6.7.7 | 2023-9-30 | html | html |
| Examples - JShell | 6.7.7 | 2023-9-30 | html | html |
| Examples - JEXL | 6.7.7 | 2023-9-30 | html | html |
| Examples - JavaScript | 6.7.7 | 2023-9-30 | html | html |
| Examples - Math Function | 6.7.7 | 2023-9-30 | html | html |
| Examples - Row Filter | 6.7.7 | 2023-9-30 | html | html |

| Name | Version | Time | English | Chinese |
|--|---------|-----------|--|--|
| Examples - Define Data | 6.7.7 | 2023-9-30 | html | html |
| Palette - Default Colors | 6.7.7 | 2023-9-30 | rgba all | rgba all |
| Palette - Common Web Colors | 6.7.7 | 2023-9-30 | rgba all | rgba all |
| Palette - Chinese Traditional Colors | 6.7.7 | 2023-9-30 | rgba all | rgba all |
| Palette - Japanese Traditional Colors | 6.7.7 | 2023-9-30 | rgba all | rgba all |
| Palette - Colors from colorhexa.com | 6.7.7 | 2023-9-30 | rgba all | rgba all |
| Palette - Art hues wheel(RYB) - 12 colors | 6.7.7 | 2023-9-30 | rgba all | rgba all |
| Palette - Art hues wheel(RYB) - 24 colors | 6.7.7 | 2023-9-30 | rgba all | rgba all |
| Palette - Art hues wheel(RYB) - 360 colors | 6.7.7 | 2023-9-30 | rgba all | rgba all |
| Palette - Optical hues wheel(RGB) - 12 colors | 6.7.7 | 2023-9-30 | rgba all | rgba all |
| Palette - Optical hues wheel(RGB) - 24 colors | 6.7.7 | 2023-9-30 | rgba all | rgba all |
| Palette - Optical hues wheel(RGB) - 360 colors | 6.7.7 | 2023-9-30 | rgba all | rgba all |
| Palette - Art paints | 6.7.7 | 2023-9-30 | rgba all | rgba all |
| Palette - MyBox Colors | 6.7.7 | 2023-9-30 | rgba all | rgba all |
| Palette - Gray scale | 6.7.7 | 2023-9-30 | rgba all | rgba all |
| Stories of Images | 6.7.7 | 2023-9-30 | html PDF odt | html PDF odt |
| Useful links | 6.7.6 | 2023-8-23 | html | html |

4 Download and Execution

4.1 Source Codes

| Source Codes | Size | Development Guide | Packing Steps |
|-------------------------------|------|---------------------|----------------------|
| MyBox-src.zip | 68M- | pdf | html |

4.2 Self-contain packages

Self-contain packages include all files and need not java env nor installation.

| Platform | Link | Size | Launcher |
|--------------|--|--------|-----------|
| win10 x64 | MyBox-win-x64.zip | 280MB- | MyBox.exe |
| CentOS 7 x64 | MyBox-CentOS7-x64.tar.gz | 320MB- | MyBox |
| mac | MyBox-mac.dmg | 300MB- | MyBox.app |

User can double click the launcher to start MyBox or run it by command line. The default “Open Method” of image/text/PDF files can be associated to MyBox and a file can be opened directly by MyBox by double clicking the file’s name.

4.3 Jar

When JRE or JDK([Oracle jdk](#) or [open jdk](#)) is installed, jar can run:

| Platform | Link | Size | Requirements |
|----------|------------------------------------|--------|-------------------|
| win | MyBox-win-jar.zip | 240MB- | Java 20 or higher |
| linux | MyBox-linux.jar.gz | 240MB- | Java 20 or higher |
| mac | MyBox-mac.jar.gz | 240MB- | Java 20 or higher |

Run following command to launch this program with Jar package:

```
java -jar MyBox.jar
```

A file path can follow the command as argument to be opened directly by MyBox. Example, following command will open the image:

```
java -jar MyBox.jar /tmp/a1.jpg
```

4.4 Versions

Contents of this document may be expired, but its links refer to the latest versions.

The latest versions and all archived versions can be downloaded in following addresses:

| address | dowloads | readme |
|-------------|---|---|
| github | https://github.com/Mararsh/MyBox/releases | English Chinese |
| sourceforge | https://sourceforge.net/projects/mara-mybox/files/ | English Chinese |
| cloud | https://pan.baidu.com/s/1fWMRzym_jh075OCX0D8y8A#list/path=%2F | |

4.5 Configuration

Configuration file is under “User Home”:

| Platform | Path of MyBox Configuration File |
|----------|--|
| win | C:\users\UserName\mybox\MyBox_vVersion.ini |
| linux | /home/UserName/mybox/MyBox_vVersion.ini |
| mac | /Users/UserName/mybox/MyBox_vVersion.ini |

Add parameter “config="FilePath"" when run jar to change configuration file temporarily.
Function “Settings” can be used to change configuration values.

4.6 Backup and Recover

1. To backup, copy directories to other places.
2. To recover, override current directories with backup directories.
3. Need not backup each directory under data path.

Predefined directories under data path are listed below:

| directory | role | internal referred | read/write automatically | need backup | comments |
|-----------------|----------------------|-------------------|--------------------------|--------------|-----------------------|
| AppTemp | temporary files | yes | yes | | cleared automatically |
| buttons | customized buttons | yes | yes | | |
| data | internal data | yes | yes | | |
| dataClipboard | data clipboard | yes | yes | yes | |
| doc | internal documents | yes | yes | | |
| downloads | download files | | yes | | |
| fileBackups | files' backups | yes | yes | yes | |
| generated | generated files | | yes | user decides | |
| ICC | ICC profiles | yes | yes | | |
| icons | icon files | yes | yes | | |
| image | image files | yes | yes | | |
| imageClipboard | image clipboard | yes | yes | yes | |
| imageHistories | image edit histories | yes | yes | yes | |
| imageScopes | image scopes | yes | yes | yes | |
| js | javascript | yes | yes | | |
| logs | database logs | | yes | | |
| map | map files | yes | yes | | |
| mybox_derby | database | yes | yes | yes | |
| mybox_languages | customized languages | yes | yes | yes | |
| security | cert files | yes | yes | | |
| sound | sound files | yes | yes | | |

4.7 Migration

1. Each version has itself's configuration file. New version can copy parameters from existed versions.
2. Data handled in each version are under "Data Directory" referred by it. Multiple versions can refer to same data directory.
3. MyBox is backward compatibility: Later version can work on data of previous versions. While forward compatibility is not supported: Wrong may happen when old version handles data of new version.

5 Implementation

MyBox is based on following open sources:

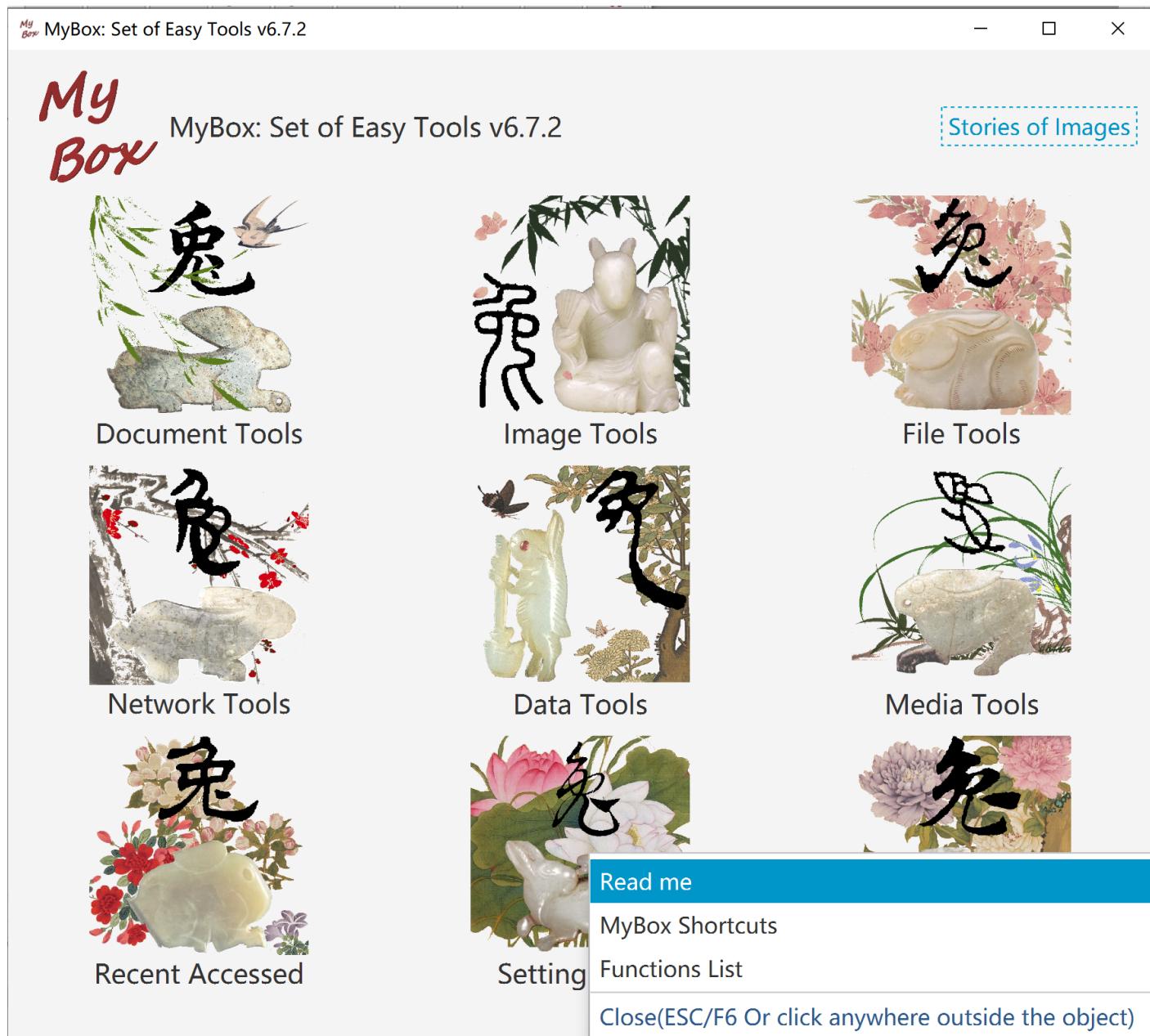
| Name | Role | Link |
|------------------|---------------------------------|---|
| JDK | Java | http://jdk.java.net/ |
| | | https://www.oracle.com/technetwork/java/javase/downloads/index.html |
| | | https://docs.oracle.com/en/java/javase/20/docs/api/index.html |
| JavaFx | GUI | https://gluonhq.com/products/javafx/ |
| | | https://docs.oracle.com/javafx/2/ |
| | | https://gluonhq.com/products/scene-builder/ |
| | | https://openjfx.io/javadoc/20/ |
| Derby | Database | http://db.apache.org/derby/ |
| NetBeans | IDE | https://netbeans.org/ |
| jpackage | pack | https://docs.oracle.com/en/java/javase/20/docs/specs/man/jpackage.html |
| maven | build | https://maven.apache.org/ |
| jai-imageio | Image manufacture | https://github.com/jai-imageio/jai-imageio-core |
| PDFBox | PDF manufacture | https://pdfbox.apache.org/ |
| PDF2DOM | PDF to html | http://cssbox.sourceforge.net/pdf2dom/ |
| GifDecoder | Decode broken gif | https://github.com/DhyanB/Open-Imaging/ |
| EncodingDetect | Determine encoding of text file | https://www.cnblogs.com/ChurchYim/p/8427373.html |
| Lindbloom | Color theory | https://icons8.com/icons/set/home |
| Free Icons | Icon | http://brucelindbloom.com/index.html |
| tess4j | OCR | https://github.com/nguyenq/tess4j |
| tesseract | OCR | https://github.com/tesseract-ocr/tesseract |
| barcode4j | Create barcodes | http://barcode4j.sourceforge.net |
| zxing | Create/Decode barcodes | https://github.com/zxing/zxing |
| flexmark-java | Convert Markdown | https://github.com/vsch/flexmark-java |
| commons-compress | archive/compress | https://commons.apache.org/proper/commons-compress |
| XZ for Java | archive/compress | https://tukaani.org/xz/java.html |
| ffmpeg | convert/create medias | http://ffmpeg.org |
| image4j | ico format | https://github.com/imcdonagh/image4j |
| AutoCommitCell | Submit updates | https://stackoverflow.com/questions/24694616 (Ogmios) |
| GaoDe | Map | https://lbs.amap.com/api/javascript-api/summary |
| GaoDe | Coordinate | https://lbs.amap.com/api/webservice/guide/api/georegeo |

| Name | Role | Link |
|-------------------------------------|---------------------|---|
| WeiBo | Image materials | https://weibo.com/3876734080/InmB1aPiL?type=comment#_rnd1582211299665 |
| poi | Microsoft Documents | https://poi.apache.org |
| LabeledBarChart | JavaFx charts | https://stackoverflow.com/questions/34286062/how-to-clear-text-added-in-a-javafx-barchart/41494789#41494789 (Roland) |
| commons-csv | CSV | https://commons.apache.org/proper/commons-csv/ |
| geonames | Location data | https://www.geonames.org/countries/ |
| world-area | Location data | https://github.com/wizardcode/world-area |
| China National Bureau of Statistics | Data | http://www.stats.gov.cn/tjsj/tjbz/tjyqhdmhcxhfdm/ |
| JHU | COVID-19 data | https://github.com/CSSEGISandData/COVID-19 |
| Website | Color data | https://tool.lanrentuku.com/color/china.html |
| Book | Materials | https://book.douban.com/subject/3894923/ |
| National Geomatics Center of China | Map | http://lbs.tianditu.gov.cn/api/js4.0/guide.html |
| movebank | Location data | https://www.datarepository.movebank.org |
| CoordinateConverter | convert coordinates | https://www.jianshu.com/p/c39a2c72dc65?from=singlmessage |
| JavaMail | email | https://javaee.github.io/javamail/ |
| Commons IO | File IO | https://commons.apache.org/proper/commons-io/ |
| colorhexa | Color data | https://www.colorhexa.com/color-names |
| WQY | Font file | http://wenq.org/wqy2/ |
| ttc2ttf | Extract ttf | https://github.com/fermi1981/TTC_TTF |
| Book | Materials | https://book.douban.com/subject/10465940/ |
| sfds | Handwriting | https://sfzd.hwcha.com |
| PaginatedPdfTable | PDF | https://github.com/eduardohl/Paginated-PDFBox-Table-Sample |
| jsoup | html | https://jsoup.org/ |
| ZhiHu | Materials | https://www.zhihu.com/question/41580677/answer/1300242801 |
| commons-math | Calculation | https://commons.apache.org/proper/commons-math/index.html |
| JEXL | Calculation | https://commons.apache.org/proper/commons-jexl |
| OpenOffice | Document | http://www.openoffice.org/ |
| nashorn | JavaScript | https://openjdk.org/projects/nashorn/ |
| echarts-gl | WebGL | https://github.com/ecomfe/echarts-gl |
| RYB hues | art colors | https://blog.csdn.net/weixin_44938037/article/details/90599711 |
| jsch | sftp | http://www.jcraft.com/jsch/ |
| jackson | json | https://github.com/FasterXML/jackson |
| batik | SVG | https://xmlgraphics.apache.org/batik/ |
| imagetracerjava | SVG | https://github.com/jankovicsandras/imagetracerjava |

6 Common Functions in Interfaces

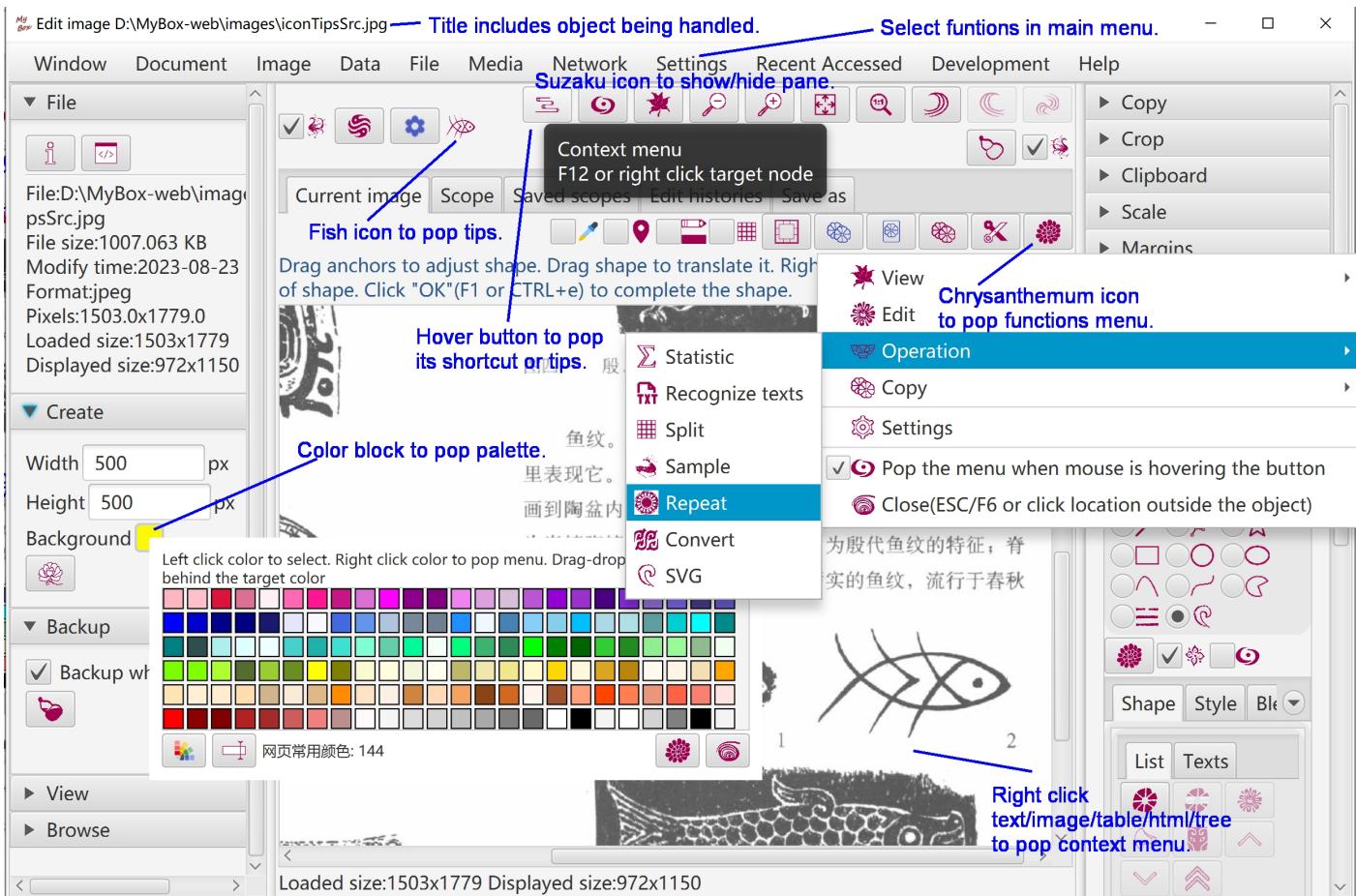
6.1 Main Interface

Main interface is shown after MyBox is launched. Move mouse over one icon to pop its menu. Then select a tool to start.



6.2 Interface Layout

1. Window title includes the object name being handled.
2. Main menu in top to open windows of functions.
3. Some interfaces include pagination toolbar which is generally in bottom.
4. Some interface include icon Fish. Hover mouse upon it to pop tips.
5. Some interfaces include left pane or right pane. If icon Rosefinch is there, hover mouse upon it to hide/show the pane.
6. To some buttons, checkbox, or icon, shortcut or tips will be popped when hover mouse upon them.

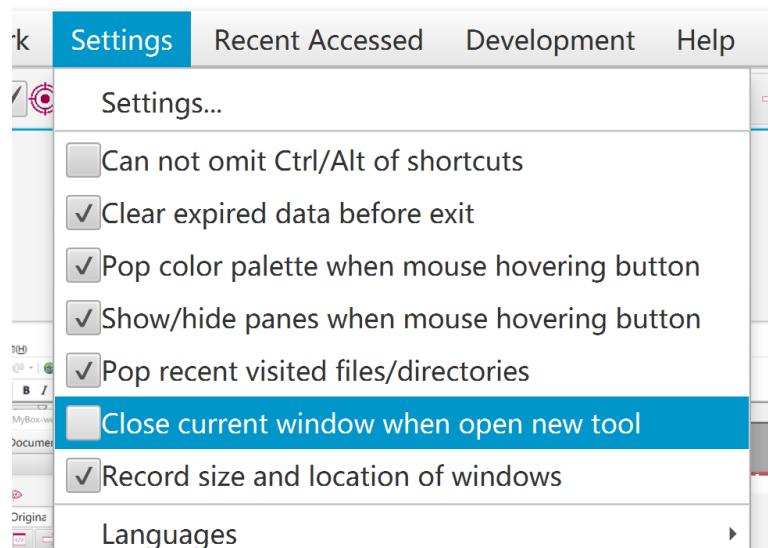


6.3 Set Font Size

1. Decrease font size by press key “CTRL” and key “-” at same time.
2. Increase font size by press key “CTRL” and key “=” at same time.
3. Select one font size of 12px, 15px, and 17px by click menu item directly.
4. Set font size in Setting window.

6.4 Open New Stage

To open new window for new scene and keep current scene in current window, **do not select** menu item “Settings”-“Close current window when open new tool”.

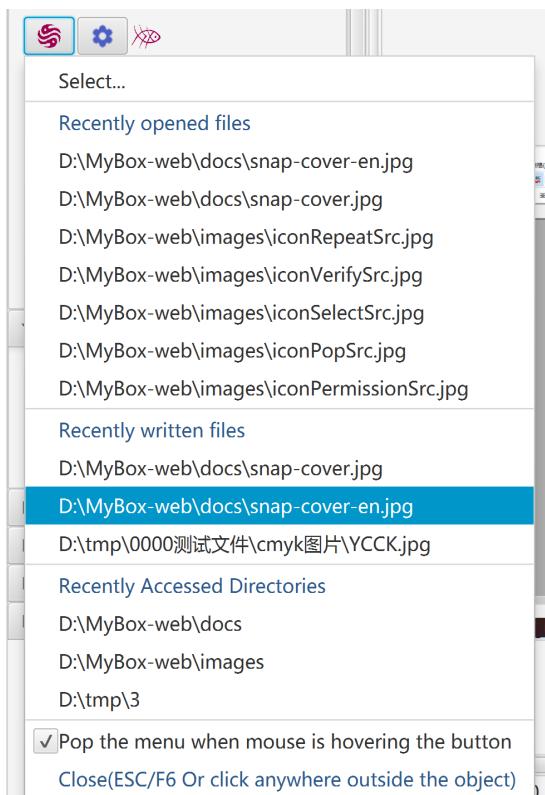


6.5 Restore Scene Size

By selecting menu item “Settings”-“Record size and location of windows”, recent size and location of each stage will be saved and restored when it is opened again.

6.6 Recent Visited Files/Directories

When menu item “Settings”-“Pop recent visited files/directories” is selected, each access of files/directories will be record and list will be popped when mouse is moved upon the button of selection. Example:



6.7 Data Table

The screenshot shows the MyBox Data Table interface with several annotations:

- Select rows and click button to handle.**: A blue arrow points to the checkbox icon in the top right corner of the table header.
- Click header to sort rows.** and **Drag header to adjust order of columns.**: A blue arrow points to the column headers.
- Chrysanthemum icon to pop functions menu.**: A blue arrow points to the chrysanthemum icon in the top right toolbar.
- Click data cell to start editing.**, **Press ESC key to cancel modification.**, and **Press ENTER key to commit update.**: A blue arrow points to a cell in the table, which is highlighted with a red border.

| Table r... | Data row | year_ | populatio... | male(ten t... | fema... |
|--|----------|-------|--|---------------|---------|
| <input type="checkbox"/> 1 | 1 | 1949 | 5,4167 | 28,145 | 26,022 |
| <input type="checkbox"/> 2 | 2 | 1 | Row expression | | |
| <input type="checkbox"/> 3 | 3 | 1 | Descriptive statistics | | |
| <input type="checkbox"/> 4 | 4 | 1 | Statistic in groups | | |
| <input type="checkbox"/> 5 | 5 | 1 | Simple linear regression | | |
| <input type="checkbox"/> 6 | 6 | 1 | Simple linear regression - Combination | | |
| <input type="checkbox"/> 7 | 7 | 1 | Multiple linear regression | | |
| <input type="checkbox"/> 8 | 8 | 1 | Multilpe linear regression - Combination | | |
| <input type="checkbox"/> 9 | 9 | 1 | Frequency Distributions | | |
| <input type="checkbox"/> 10 | 10 | 1 | Value percentage | | |
| <input type="checkbox"/> 11 | 11 | 1 | | | |
| <input checked="" type="checkbox"/> 12 | 12 | 1950 | 6,6207 | 34,203 | 31,924 |
| <input checked="" type="checkbox"/> 13 | 13 | 1961 | 65859 | 33,880 | 31,979 |
| <input type="checkbox"/> 14 | 14 | 1962 | 6,7296 | 34,517 | 32,778 |
| <input type="checkbox"/> 15 | 15 | 1963 | 6,9172 | 35,533 | 33,639 |
| <input type="checkbox"/> 16 | 16 | 1964 | 7,0499 | 36,142 | 34,357 |
| <input type="checkbox"/> 17 | 17 | 1965 | 7,2538 | 37,377 | 34,410 |
| <input type="checkbox"/> 18 | 18 | 1966 | 7,4512 | 38,180 | 36,352 |
| | | | | | 12213 |
| | | | | | 61220 |

Pagination — Selected: 1 Rows: [1-50]50/73 Page size: 50 Page 1 /2

- To select rows:
 - Press key SHIFT and click rows to select multiple rows of a range.
 - Press key CTRL and click rows to select multiple rows one by one.
 - Click the checkboxes in head of rows.
- To edit data:
 - Header texts of editable columns are in blue (Editable primary keys are still in red).
 - Click the editable cell, then its input field will be shown.
 - Press ESC to discard modification. Press ENTER to commit modification.
 - Option to commit modification automatically when cell loses focus.
 - When data is committed, its value will be checked and invalid data will be rejected.
- To display/hide columns, click button "+" in right side of table header.
This operation does not affect data.
- To adjust order of columns, click and drag column headers.
This operation does not affect data.
- To order rows:

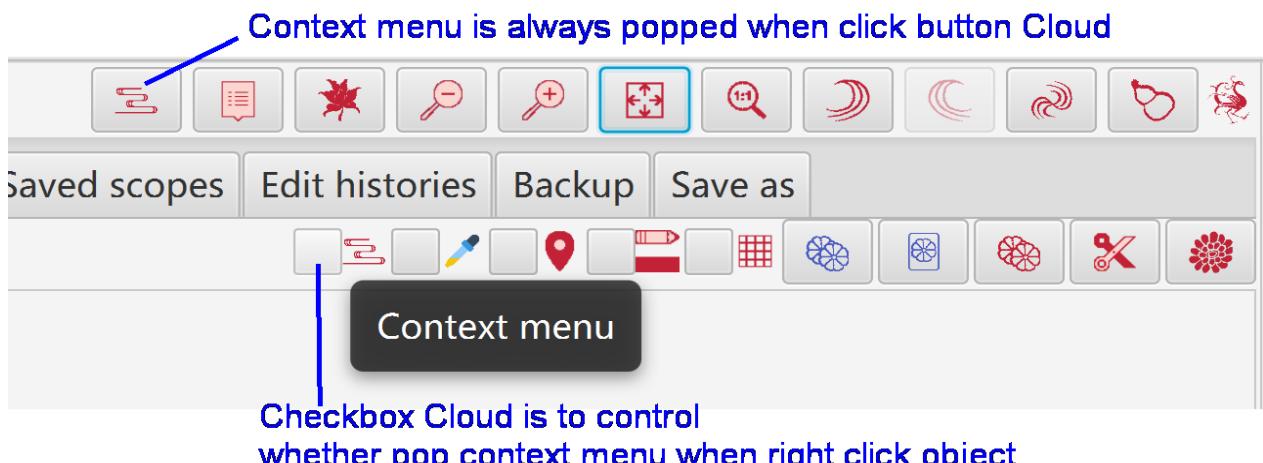
- Click column header for ascending order by this column.
- Click column header again for descending order by this column.
- Click column header for third time to cancel ordering of this column.
- Press SHIFT and click more column headers to order by multiple columns.

This operation only affect current data in table.

6. Header texts of primary keys are in red and auto-increated keys are in orange.

6.8 Context Menu

1. This menu is popped when right click object like text, image, or table.
2. If interface includes button “Cloud”, context menu will be popped when click this button.
3. If interface includes checkbox “Cloud”:
 - If this checkbox is not selected, the context menu is not popped when right click object.
 - If this checkbox is selected, the context menu is popped when right click object.
 - Checkbox “Cloud” does not affect button “Cloud”, which means context menu is always popped when click button “Cloud”.



6.9 Window “Examples”

Window “Examples” is popped when hover or click button “Examples”.

Control whether pop window Examples when hover button Examples

Hover or click button Examples to pop window Examples

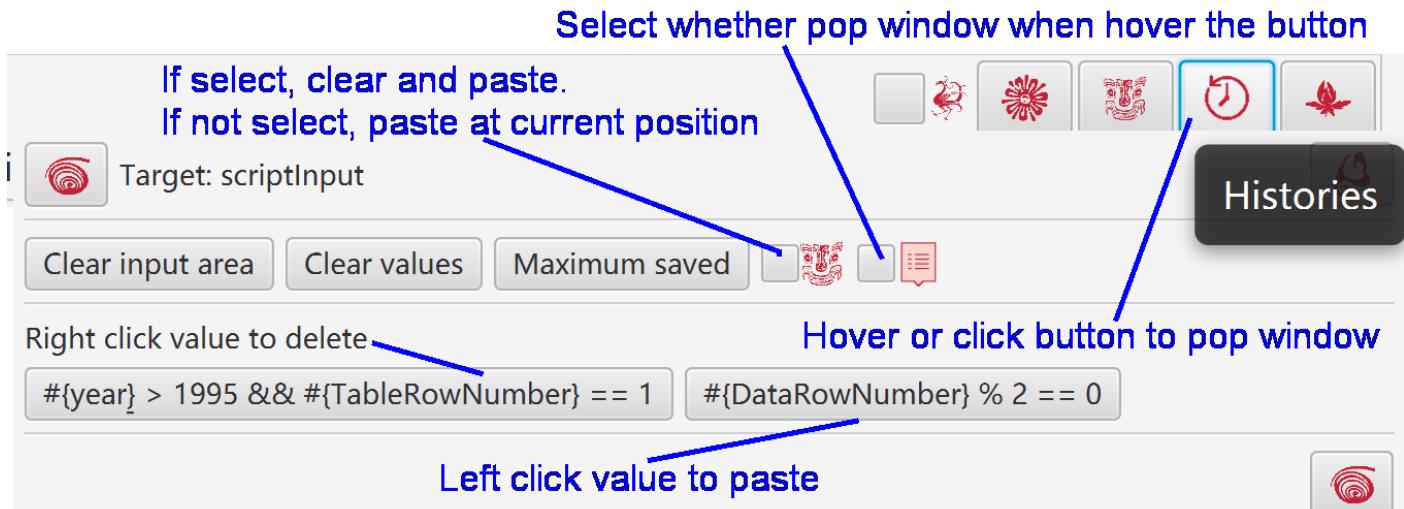
```
#DataRowNumber % 2 == 0 #DataRowNumber % 2 == 1 #DataRowNumber >= 9
#TableRowNumber % 2 == 0 #TableRowNumber % 2 == 1 #TableRowNumber == 1
#year == 0 Math.abs(#year) >= 0 #year < 0 || #year_ > 100 #year != 6
'#year'.search(/Hello/ig) >= 0 '#year'.length > 0 '#year'.indexOf('Hello') == 3
'#year'.startsWith('Hello') '#year'.endsWith('Hello') var array = [ 'A', 'B', 'C', 'D' ];
array.includes('#year')
" == == " != != === !== true false null undefined >=
> <= < && || !
" var = ; += -= *= /= %= + - * / % ++
-- , () {} [] " " . this
".search(/ig) >= 0 ".length > 0 ".indexOf("") >= 0 ".startsWith("") ".endsWith("")
```

Click value button to paste value into target

[Learn JavaScript](#) [JavaScript Tutorial](#)

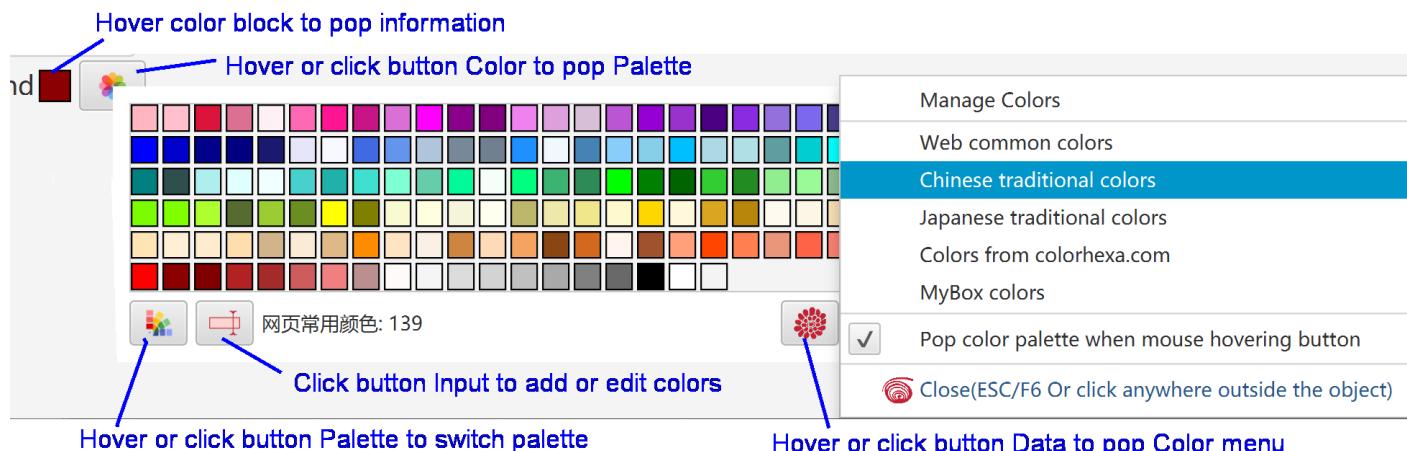
6.10 Window “Histories”

Hover or click button “Histories” to pop window “Histories”.



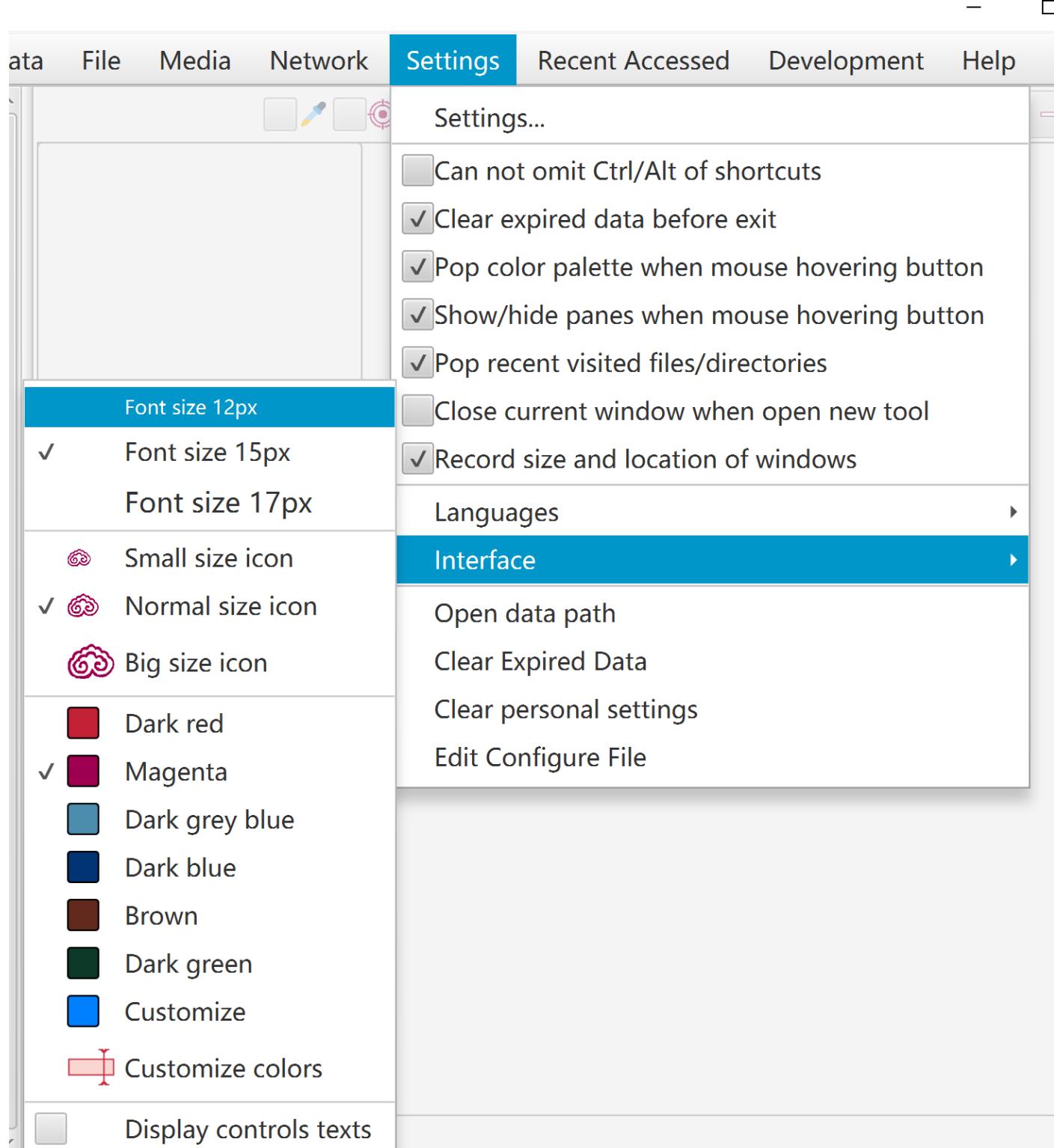
6.11 Color Block and Palette

1. Hover “Color Block” to pop color's information.
2. Hover or click button “Palette” to pop window Palette, and select or edit colors.



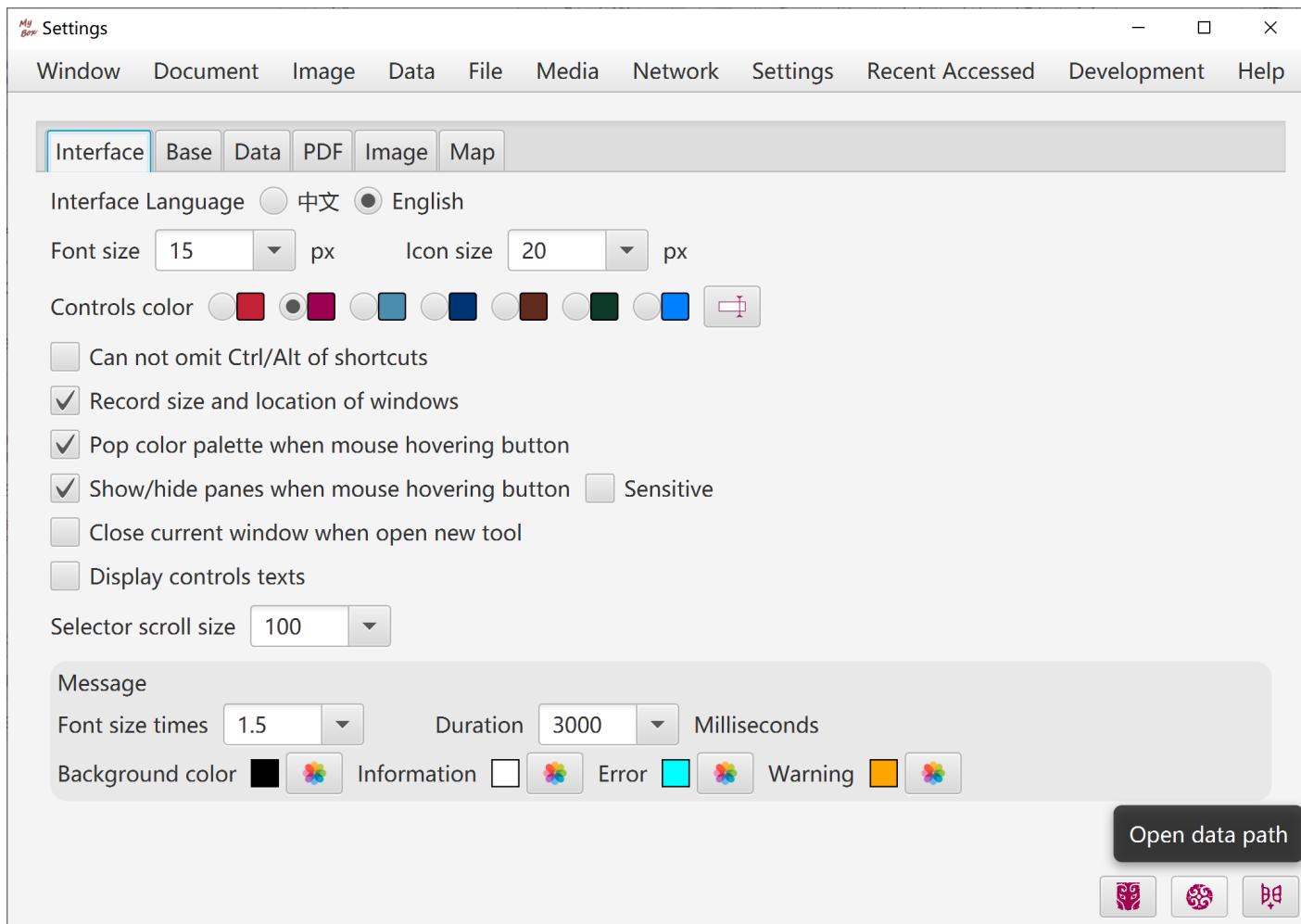
7 Settings

Select “Settings...” in main menu to open window Settings.



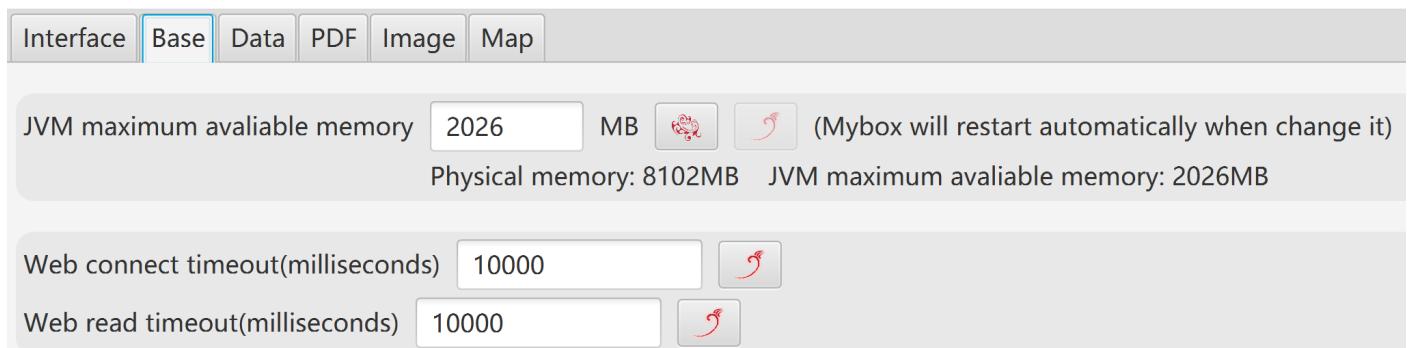
7.1 Interface

1. Language, font size, icon size
2. Select hi-dpi icons(100x100) or common icons(40x40).
3. Color of buttons can be customized.
4. Whether restore last size of each scene.
5. Whether open new stage to display scene.
6. Whether show/Hide splitted panes when mouse passing.
7. Whether pop stage "Set Color" when mouse passing.
8. Font size, color, duration of popped messages.



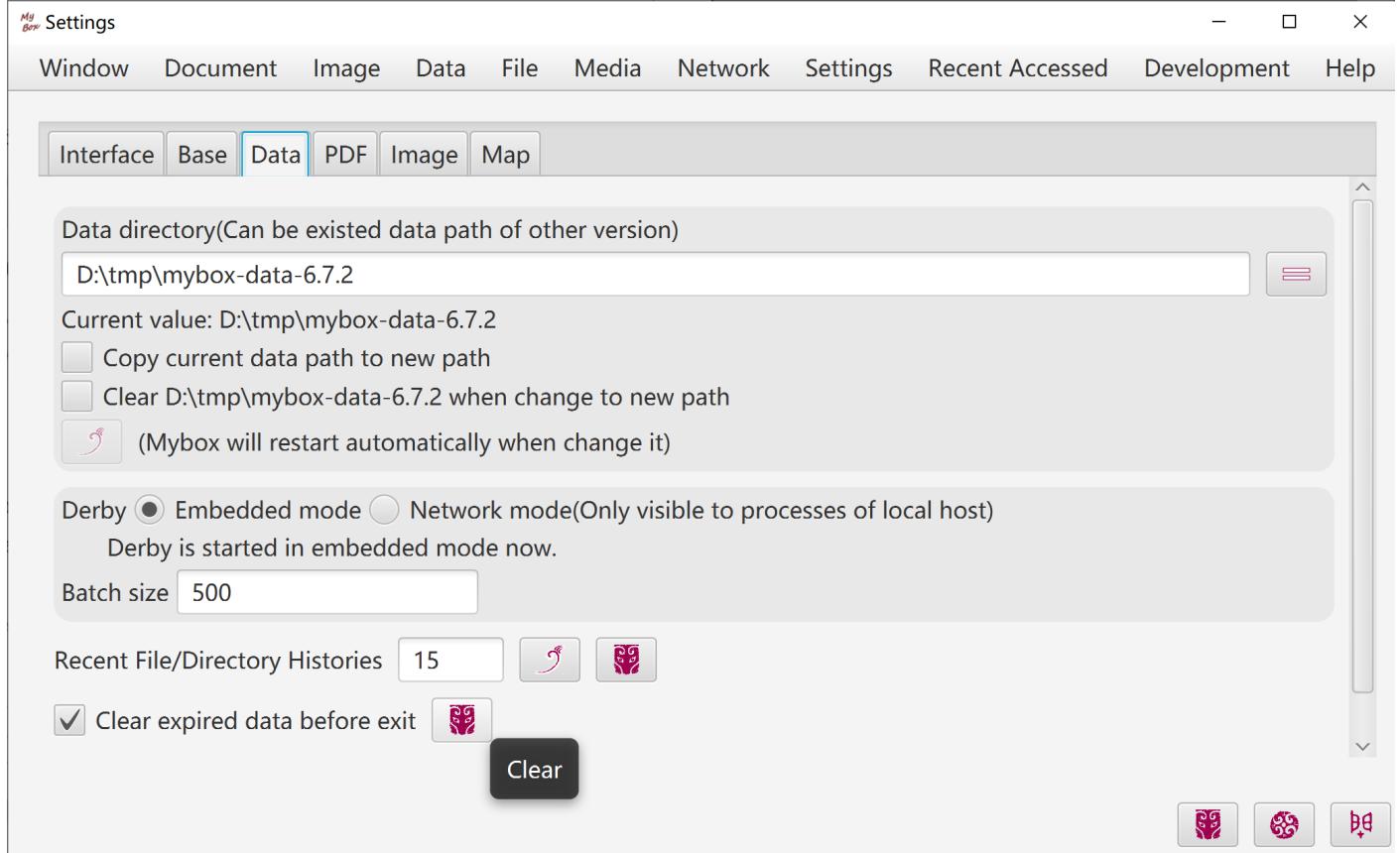
7.2 Base

1. Maximum memory usage of JVM
2. Network timeouts



7.3 Data

1. Data path
2. Derby driver mode and batch size.
3. Whether pop recent visited files/directories. And the number.
4. Whether close alarm clocks when exit program.



7.4 PDF

Maximum main memory of PDF handling.

Maximum main memory for PDF 500M 1G 2G Unlimit

When limited quota is reached, temporary files will be used as extended memory.
If not limit main memory usage, "Out of Memory" may happen for large PDF files.

7.5 Image

1. Width and color of stroke and anchor. Whether anchors are solid.
2. Color to replace Alpha when Alpha is not supported. (Suggest as White)
3. Wdith of thumbnail
4. Maximum width to display sampled images

Interface Base Data PDF **Image** Map

Stroke Color Width

Anchor Color Width Solid

Grid lines Color Width Interval Opacity

Color to use if Alpha unsupported Suggest as white

Thumbnail width

Apply render options when load or modify image

Rendering Automatic Quality Speed

Color rendering Automatic Quality Speed

Pixels interpolation 9 nearest neighbor 4 nearest neighbor Nearest neighbor

Alpha interpolation Automatic Quality Speed

Shape anti-aliasing Automatic On Off

Text anti-aliasing Automatic On Off GASP LCD_HRGB LCD_HBGR LCD_VRGB LCD_VBGR

Font fractional metrics Automatic On Off

Stroke Automatic Normalize Unmodified

Dithering Automatic On Off

[RenderingHints](#)

7.6 Map

Data keys of map

| | | | | | |
|-----------|------|------|-----|-------|-----|
| Interface | Base | Data | PDF | Image | Map |
|-----------|------|------|-----|-------|-----|

Following are free map keys shared by users of MyBox. You can request and set your private free/commercial map keys.

TianDiTu web key 0ddeb917def62b4691500526cc30a9b1
<https://console.tianditu.gov.cn/api/key>

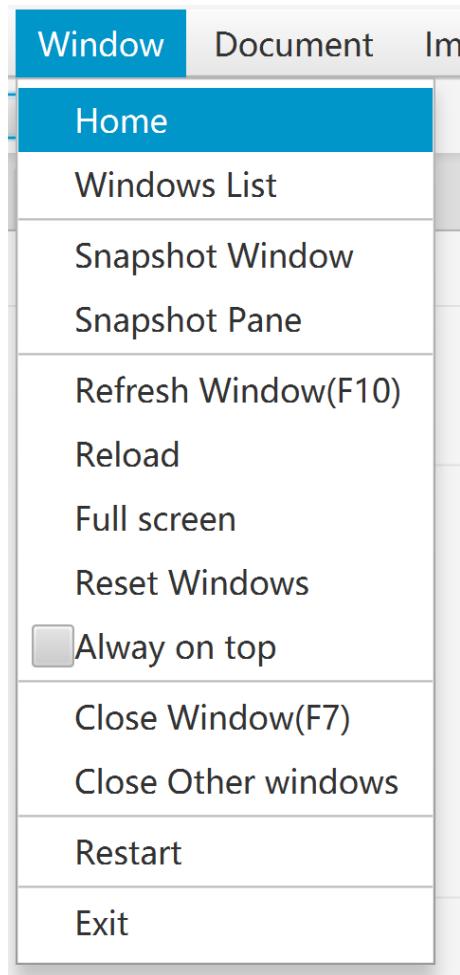
Web key of GaoDe map 06b9e078a51325a843dfefd57ffd876c

Web service key of GaoDe map d7444d9a7fae01fa850236d909ad4450
<https://lbs.amap.com/dev/index>

8 Window

1. Refresh/Reset/Full-screen/Top windows.
2. Close other windows.
3. Reboot MyBox.
4. Recent visited tools.
5. Snapshot of window/pane.



9 Windows List

1. Click “Windows List” in menu “Window” to open this interface.
2. Display all of currently showing windows in MyBox.
3. Select some windows, and click button “Close”.
4. Select some windows, and click button “Always on top”.
5. Select some windows, and click button “Disable always on top”.

Windows List

The screenshot shows the "Windows List" interface with a toolbar at the top and a table below. The table has columns for window title, checkboxes for visibility and modality, and numerical values for width, height, X, and Y coordinates. A context menu is open over the first row, showing options like "Disable 'Alway on top'" and "Enable 'Alway on top'". To the right of the table is a sidebar with checkboxes for filtering results based on various window properties.

| Table r... | Disable "Alway on top" | Show... | Mod... | Focu... | Alwa... | Is child | Width | Height | X | Y | Full s... | Iconi... | M+ |
|---------------------------------------|------------------------------|-------------------------------------|--------|-------------------------------------|---------|----------|-------|--------|-----|-----|-------------------------------------|--|----|
| <input type="checkbox"/> 1 | View Image | <input checked="" type="checkbox"/> | | | | | 1012 | 735 | 119 | 132 | <input checked="" type="checkbox"/> | | |
| <input type="checkbox"/> 2 | View Image * | <input checked="" type="checkbox"/> | | | | | 1012 | 735 | 119 | 132 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Title | |
| <input type="checkbox"/> 3 | Edit image D:\tmp\mybo... | <input checked="" type="checkbox"/> | | | | | 1707 | 920 | 0 | 0 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Showing | |
| <input checked="" type="checkbox"/> 4 | Edit image | <input checked="" type="checkbox"/> | | | | | 1707 | 920 | 0 | 0 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Modality | |
| <input type="checkbox"/> 5 | Notes | <input checked="" type="checkbox"/> | | | | | 1012 | 735 | 347 | 60 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Focused | |
| <input checked="" type="checkbox"/> 6 | Manufacture Data : CSV ... | <input checked="" type="checkbox"/> | | | | | 1012 | 735 | 403 | 216 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Alway on top | |
| <input type="checkbox"/> 7 | Edit CSV File : CSV - New... | <input checked="" type="checkbox"/> | | | | | 1012 | 735 | 700 | 190 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Is child | |
| <input type="checkbox"/> 8 | Windows List | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | | | 1012 | 624 | 700 | 300 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Width | |

Disable "Alway on top"

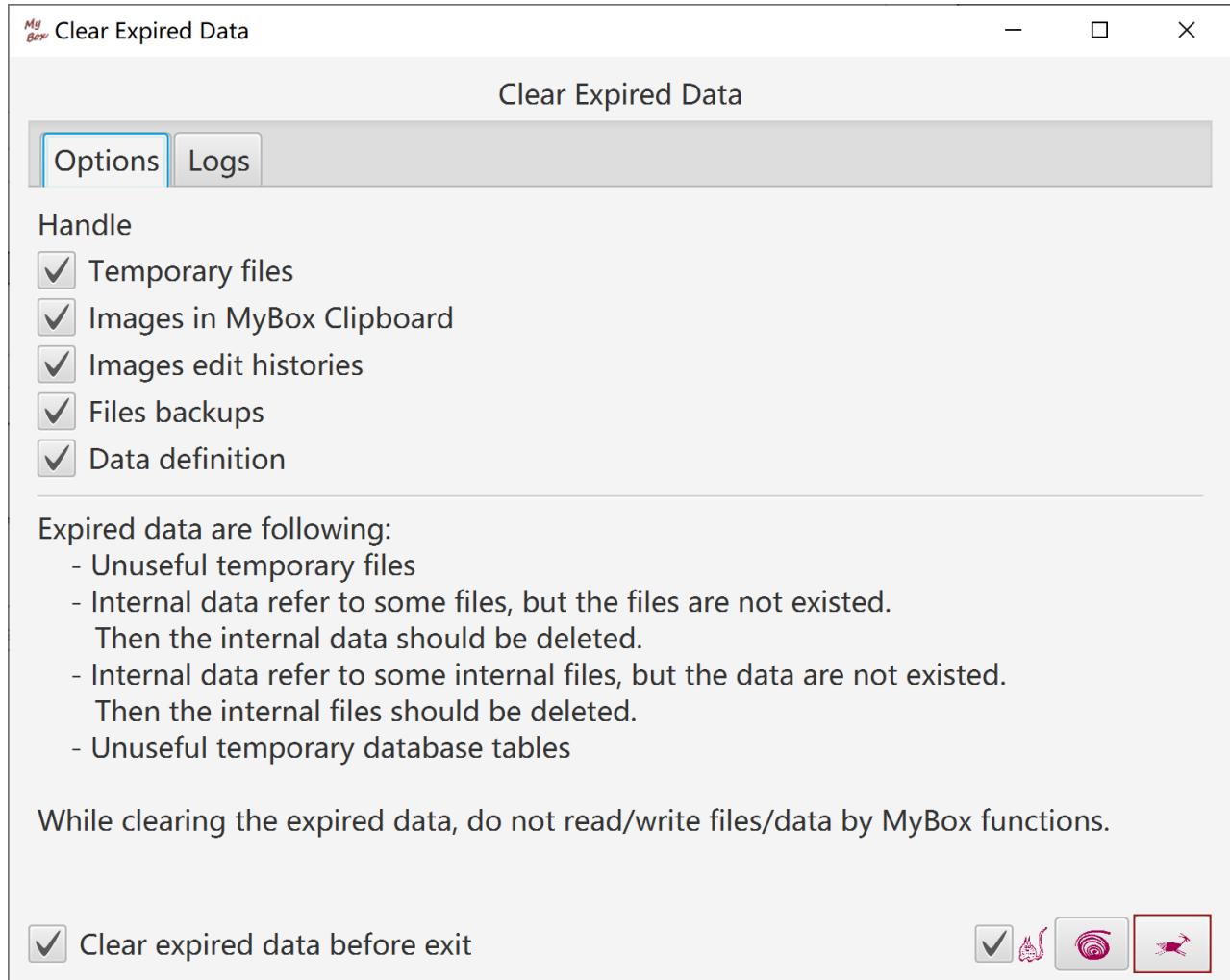
Enable "Alway on top"

Filter Options:

- Title
- Showing
- Modality
- Focused
- Alway on top
- Is child
- Width
- Height
- X
- Y
- Full screen
- Iconified
- Maximized
- Resizable
- Type

10 Clear expired data

1. Select “Clear Expired Data” in menu “Settings” to open this interface.
2. Select data to be handled.
3. While clearing expired data, do not read/write files/data by MyBox functions.
4. Option to clear expired data automatically before exit.



<End of Document>