



# MyBox: Easy Tools Set User Guide – Development Tools

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Version: 6.6.2

Date: 2022-11-30

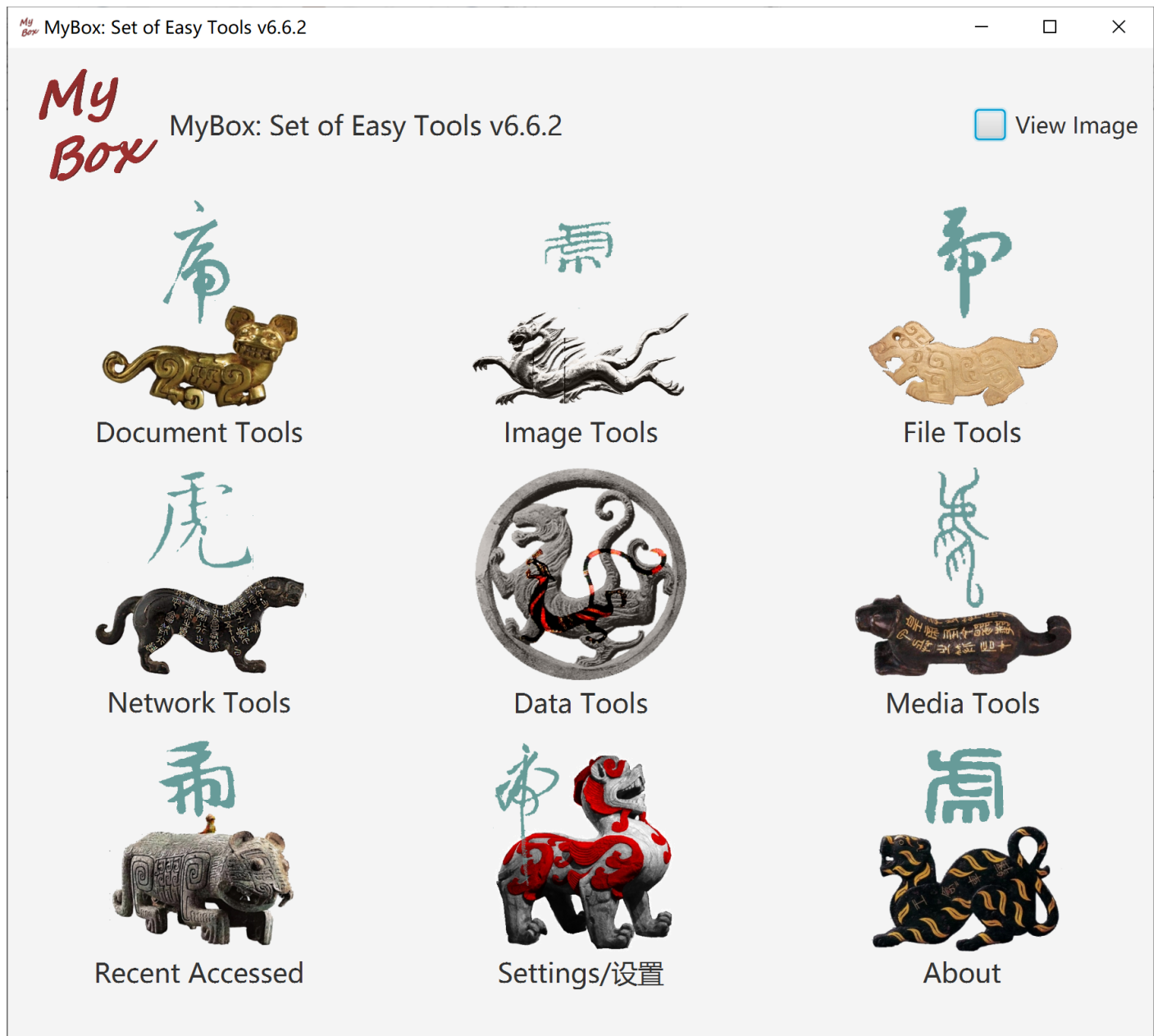
## Contents

1 Introduction.....	3
1.1 Main Interface.....	3
1.2 Resources Addresses.....	4
1.3 Documents.....	5
1.4 Menu of Tools.....	6
2 Monitor CPU/Memory.....	6
3 MyBox Properties.....	7
4 MyBox Logs.....	8
5 Run system commands.....	9
6 Start JConsole(Java Monitoring and Management Console).....	10
7 Manage Languages.....	11
8 Make Icons.....	12
9 MyBox Internal Tables.....	13
10 Automatical Testing: Open Interfaces.....	14
11 Send Message To Author.....	15

## 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

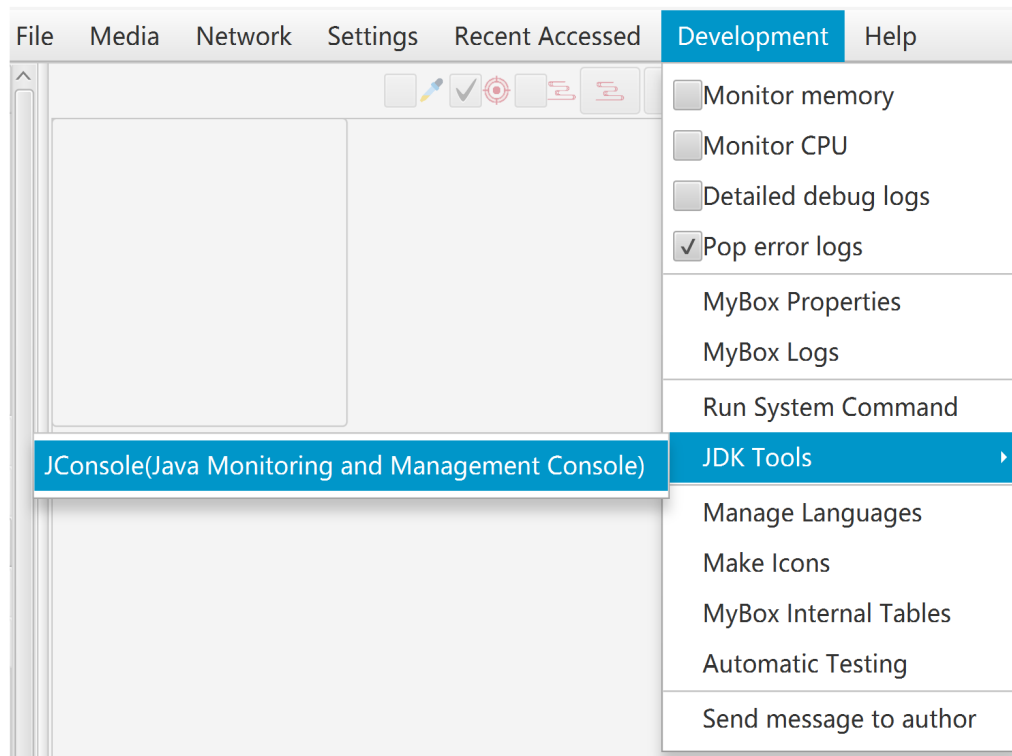
Contents	Link
Project Main Page	<a href="https://github.com/Mararsh/MyBox/">https://github.com/Mararsh/MyBox/</a>
Source Codes and Compiled Packages	<a href="https://github.com/Mararsh/MyBox/releases">https://github.com/Mararsh/MyBox/releases</a>
Submit Software Requirements and Problem Reports	<a href="https://github.com/Mararsh/MyBox/issues">https://github.com/Mararsh/MyBox/issues</a>
Data	<a href="https://github.com/Mararsh/MyBox_data">https://github.com/Mararsh/MyBox_data</a>
Documents	<a href="https://github.com/Mararsh/MyBoxDoc">https://github.com/Mararsh/MyBoxDoc</a>
Mirror Site	<a href="https://sourceforge.net/projects/mara-mybox/files/">https://sourceforge.net/projects/mara-mybox/files/</a>
Cloud Storage	<a href="https://pan.baidu.com/s/1fWMRzym_jh075OCX0D8y8A#list/path=%2F">https://pan.baidu.com/s/1fWMRzym_jh075OCX0D8y8A#list/path=%2F</a>

The screenshot shows the GitHub repository page for **Mararsh / MyBox**. The repository is public and has 41 issues, 17 forks, and 79 stars. The file list includes folders like `alpha/MyBox`, `docs`, `en`, and `released/MyBox`, as well as files like `.gitignore`, `LICENSE`, and `README.md`. The README section includes a link to [ReadMe in English](#). The releases section shows the latest release, **v6.5.8**, which was released 18 days ago. Two red circles highlight the **Code** button and the **v6.5.8** release.

## 1.3 Documents

Name	Version	Time	English	Chinese
Development Logs	6.6.2	2022-11-30	<a href="#">html</a>	<a href="#">html</a>
Shortcuts	6.5.6	2022-6-11	<a href="#">html</a>	<a href="#">html</a>
Functions list	6.6.2	2022-11-30	<a href="#">html</a>	<a href="#">html</a>
Packing Steps	6.3.3	2020-9-27	<a href="#">html</a>	<a href="#">html</a>
Development Guide	2.1	2020-8-27	<a href="#">PDF</a>	<a href="#">PDF</a>
User Guide - Overview	6.6.2	2022-11-30	<a href="#">html</a> <a href="#">PDF</a> <a href="#">odt</a>	<a href="#">html</a> <a href="#">PDF</a> <a href="#">odt</a>
User Guide - Data Tools	6.6.2	2022-11-30	<a href="#">html</a> <a href="#">PDF</a> <a href="#">odt</a>	<a href="#">html</a> <a href="#">PDF</a> <a href="#">odt</a>
User Guide - Document Tools	6.6	2022-9-28	<a href="#">html</a> <a href="#">PDF</a> <a href="#">odt</a>	<a href="#">html</a> <a href="#">PDF</a> <a href="#">odt</a>
User Guide - Image Tools	6.6	2022-9-28	<a href="#">html</a> <a href="#">PDF</a> <a href="#">odt</a>	<a href="#">html</a> <a href="#">PDF</a> <a href="#">odt</a>
User Guide - File Tools	6.6	2022-9-28	<a href="#">html</a> <a href="#">PDF</a> <a href="#">odt</a>	<a href="#">html</a> <a href="#">PDF</a> <a href="#">odt</a>
User Guide - Network Tools	6.6	2022-9-28	<a href="#">html</a> <a href="#">PDF</a> <a href="#">odt</a>	<a href="#">html</a> <a href="#">PDF</a> <a href="#">odt</a>
User Guide - Media Tools	6.6	2022-9-28	<a href="#">html</a> <a href="#">PDF</a> <a href="#">odt</a>	<a href="#">html</a> <a href="#">PDF</a> <a href="#">odt</a>
User Guide - Development Tools	6.6.2	2022-11-30	<a href="#">html</a> <a href="#">PDF</a> <a href="#">odt</a>	<a href="#">html</a> <a href="#">PDF</a> <a href="#">odt</a>
Examples - Notes	6.6.1	2022-11-16	<a href="#">html</a>	<a href="#">html</a>
Examples - Information in Tree	6.6.1	2022-11-16	<a href="#">html</a>	<a href="#">html</a>
Examples - Favorite Address	6.6.1	2022-11-16	<a href="#">html</a>	<a href="#">html</a>
Examples - SQL	6.6.1	2022-11-16	<a href="#">html</a>	<a href="#">html</a>
Examples - JShell	6.6.1	2022-11-16	<a href="#">html</a>	<a href="#">html</a>
Examples - JEXL	6.6.1	2022-11-16	<a href="#">html</a>	<a href="#">html</a>
Examples - JavaScript	6.6.1	2022-11-16	<a href="#">html</a>	<a href="#">html</a>
Examples - Math Function	6.6.1	2022-11-16	<a href="#">html</a>	<a href="#">html</a>
Examples - Row Filter	6.6.1	2022-11-16	<a href="#">html</a>	<a href="#">html</a>
About - Color	6.6.1	2022-11-16	<a href="#">html</a>	<a href="#">html</a>
About - Coordinate System	6.6.1	2022-11-16	<a href="#">html</a>	<a href="#">html</a>
About - Media	6.6.1	2022-11-16	<a href="#">html</a>	<a href="#">html</a>
About - Data Analysis	6.6.1	2022-11-16	<a href="#">html</a>	<a href="#">html</a>
Palette - Common Web Colors	6.6.1	2022-11-16	<a href="#">html</a>	<a href="#">html</a>
Palette - Chinese Traditional Colors	6.6.1	2022-11-16	<a href="#">html</a>	<a href="#">html</a>
Palette - Japanese Traditional Colors	6.6.1	2022-11-16	<a href="#">html</a>	<a href="#">html</a>
Palette - Colors from colorhexa.com	6.6.1	2022-11-16	<a href="#">html</a>	<a href="#">html</a>
Palette - MyBox Colors	6.6.1	2022-11-16	<a href="#">html</a>	<a href="#">html</a>

## 1.4 Menu of Tools



## 2 Monitor CPU/Memory

When monitor CPU/memory, status is updated in every second in top bar.

Window	Document	Image	Data	File	Media	Network	Settings	Recent Accessed	Development	Help
MyBox Available memory:2026MB Required:242MB(11.94%) Used:115MB(5.68%) <input type="text"/>										Windows 10 Physical memory:8102MB Used:6444MB (79.54%) <input type="text"/>
MyBox Recent CPU time:367s Recent CPU usage:2.34% <input type="text"/>										Windows 10 System load average:0s System CPU usage:2.76% <input type="text"/>

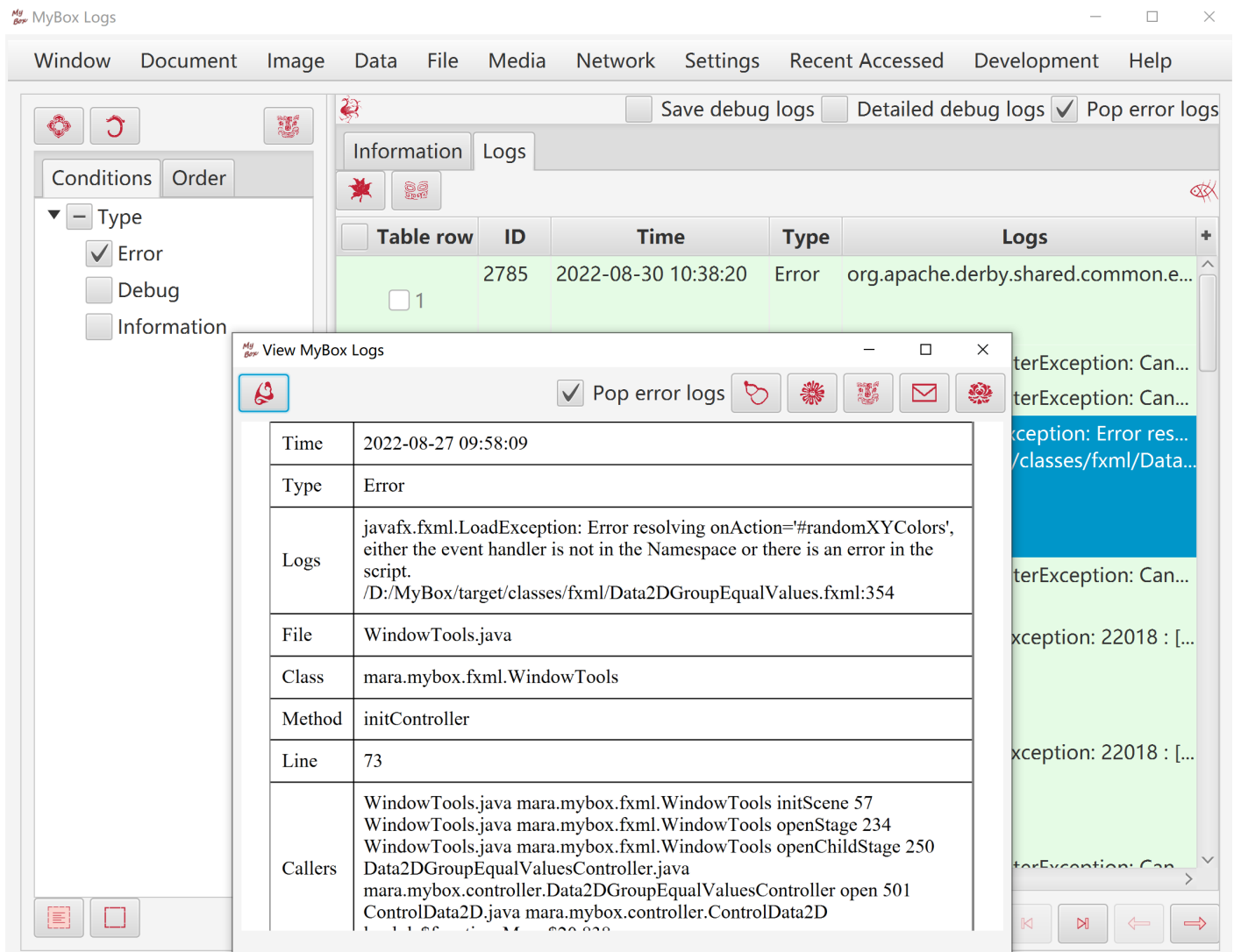
### 3 MyBox Properties

JVM Properties	
Java I/O tmp dir	D:\SysTemp\
Javafx runtime version	18.0.1+2
Physical memory	8102MB
JVM maximum available memory	2026MB
Sun Jnu encoding	GBK
IO Unicode Encoding	UnicodeLittle
CPU endian	little
Sun desktop	
Physical screen	216dpi Resultion:3,840 x 2,160 Refresh Rate:60 Bit Depth:32
JavaFx screen	72dpi Size:1,707 x 960 X Scale Factor:2.25 Y Scale Factor:2.25
WebView	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/610.1 (KHTML, like Gecko) JavaFX/16 Safari/610.1
File encoding	UTF-8
Native encoding	GBK
JVM Default	UTF-8

TD

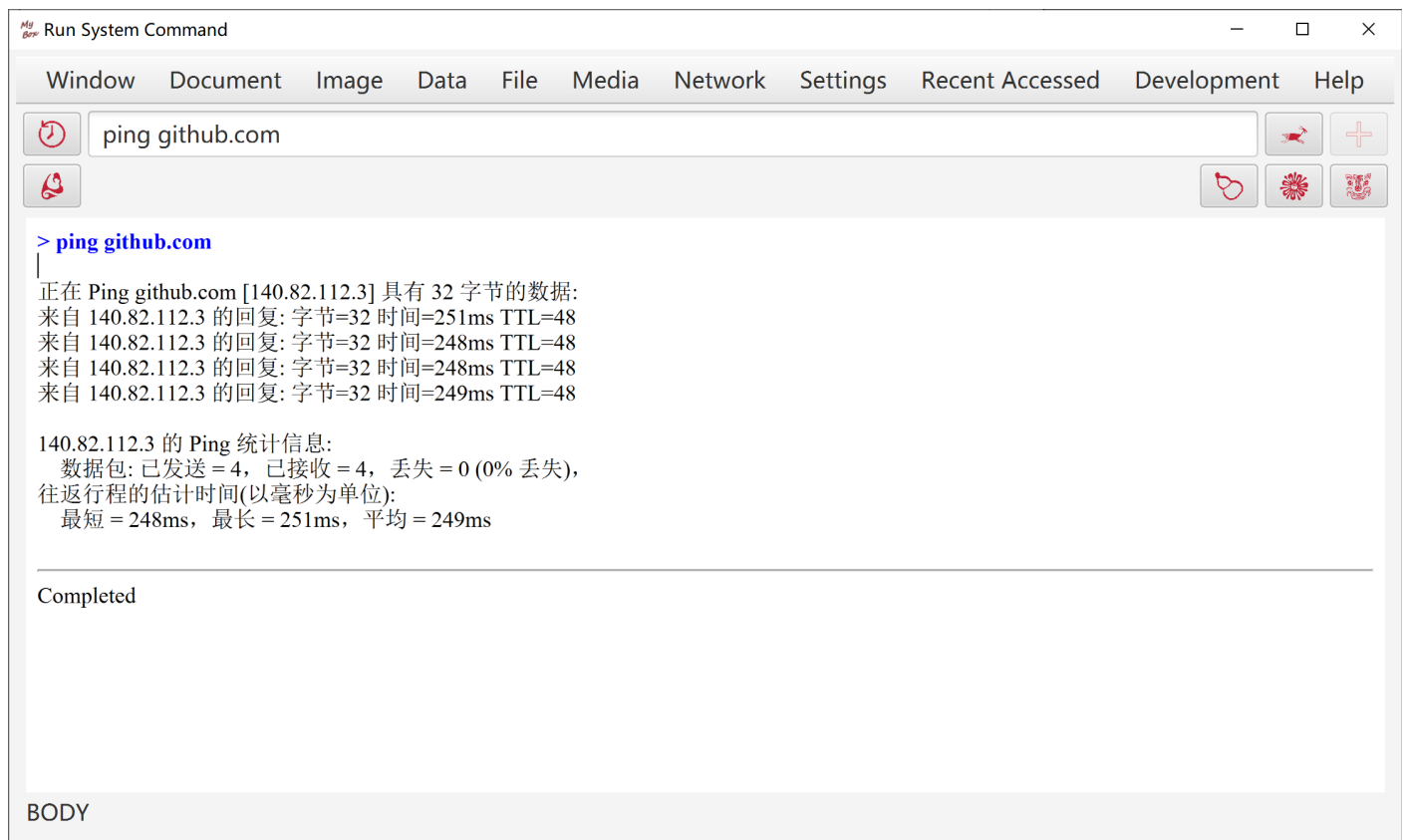
## 4 MyBox Logs

- Types of MyBox logs: Error, Info, Debug, Console.
  - All logs will be displayed on console.
  - "Error" and "Info" are always written in database.
  - "Debug" are written in database only in Dev Mode.
  - "Console" are never written in database.
- Fields: ID, time, type, file, class, method, line, callers, comments.
- "Callers" is the calling chain. Each line is one node and records: file, class, method, line. Calling chains only include methods of MyBox itself.
- "Error" will cause interface of MyBox Logs Viewer is popped.

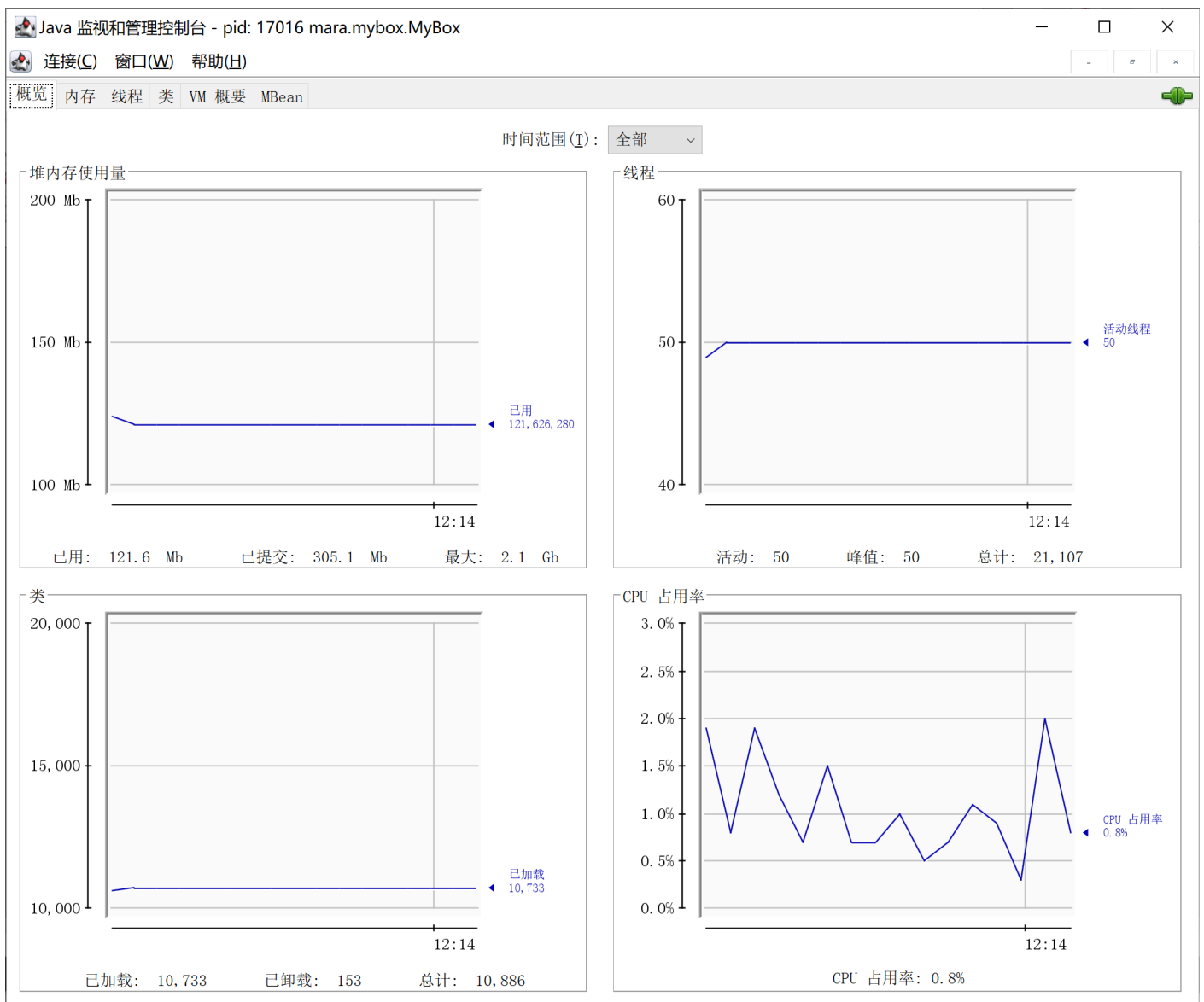




## 5 Run system commands



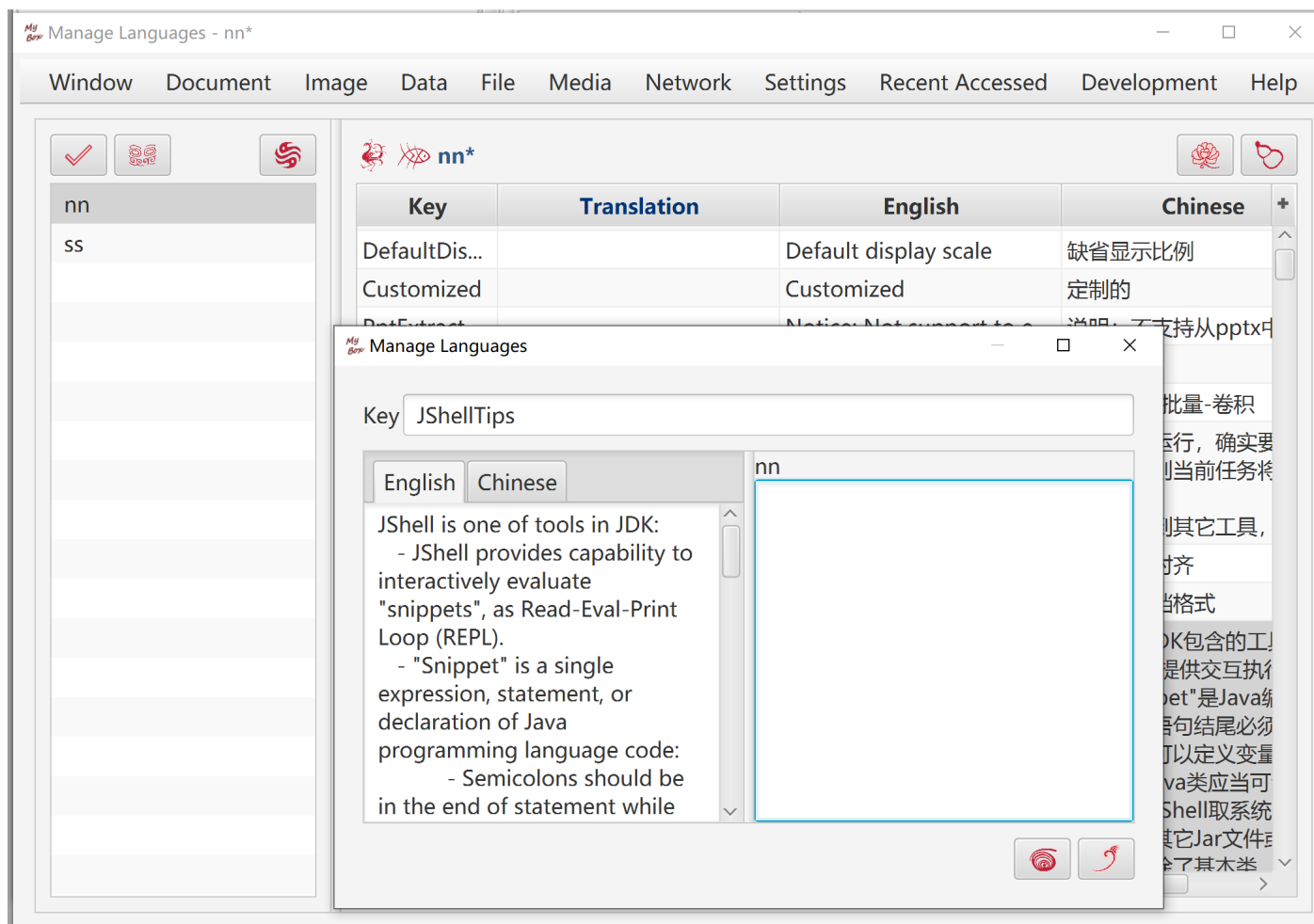
## 6 Start JConsole(Java Monitoring and Management Console)



## 7 Manage Languages

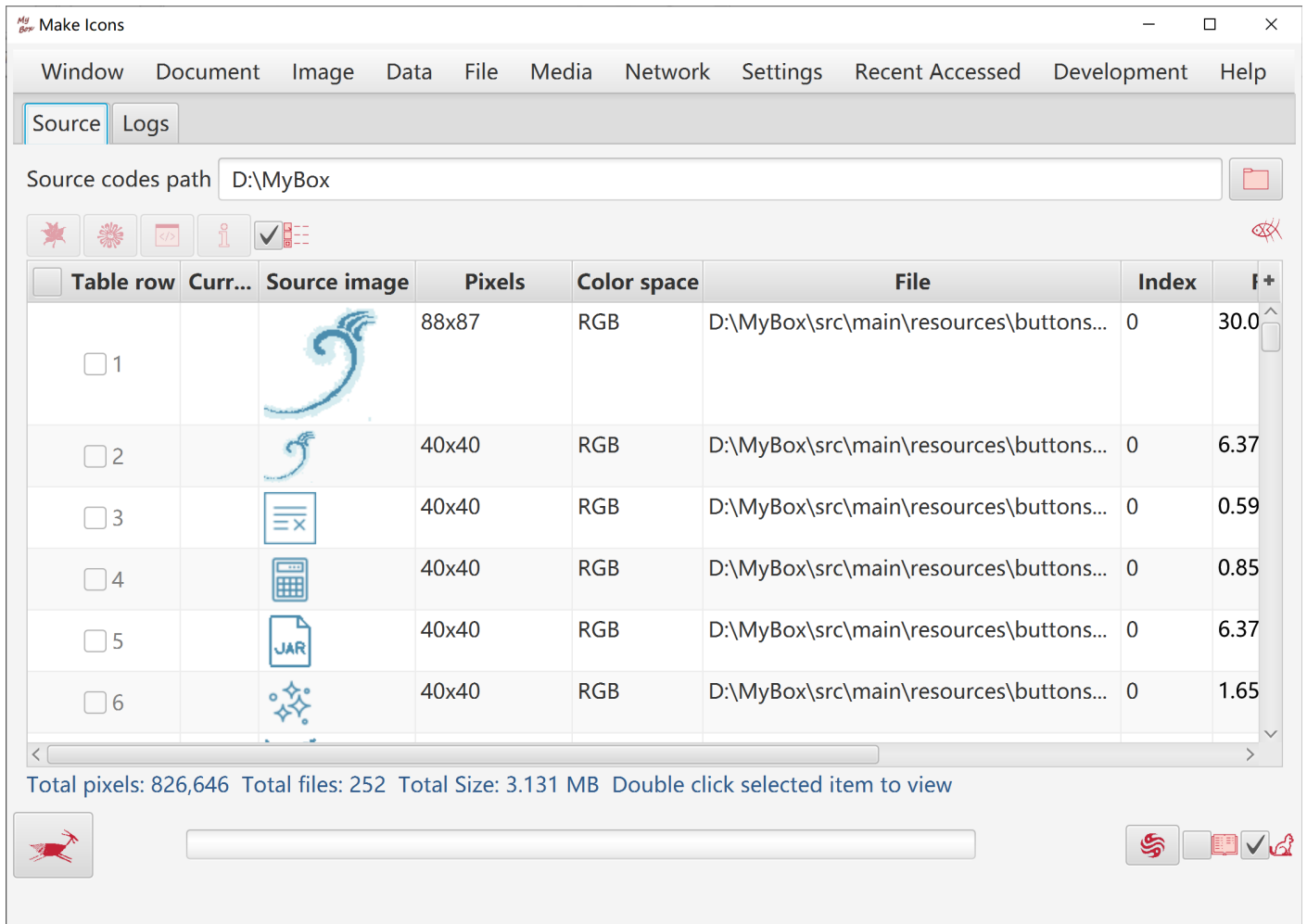
This tool helps to manage customized languages of MyBox:

1. Click button "Add" to create a new language.
2. Edit translation of language items.
  - Select a row in the tables.
  - Click the cell in the row:
    - If its English contains line breaks, then pop text editor to help input multiple lines.
    - If its English is single line, then display a text field to help fill line directly.
  - Keep item empty to use English as default.
  - Right click the cell to select "Copy English" or "Copy Chinese".
3. Click button "Save" to save modification.



## 8 Make Icons

This tool helps to create MyBox icons in other colors from light-grey icons.



## 9 MyBox Internal Tables

MyBox Internal Tables : Internal table - 823 - USER\_CONF

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

Columns\* Attributes View Edit

ID	Type	Name	Row...	Colu...	+
828	Internal...	BLOB_VALUE		2	
827	Internal...	NAMED_VALUES		4	
826	Internal...	FLOAT_MATRIX		4	
825	Internal...	STRING_VALUES		3	
824	Internal...	STRING_VALUE		3	
823	Internal...	USER_CONF	3,311	3	
822	Internal...	SYSTEM_CONF			
821	Internal...	VISIT_HISTORY			
820	Internal...	MYBOX_LOG			
819	Internal...	TREE_NODE_TA			
818	Internal...	TAG			
817	Internal...	TREE_NODE			
816	Internal...	DATA2D_STYLE			
815	Internal...	DATA2D_CELL			
814	Internal...	DATA2D_COLU			
813	Internal...	DATA2D_DEFIN			
812	Internal...	ALARM_CLOCK			
811	Internal...	MEDIA_LIST			
810	Internal...	MEDIA			

key\_name string\_value int\_value

AddressInputDPI 96

AlarmClockDPI 96

AlarmClockRightPaneP... 0.588744588744... 2,147,483,647

AlarmClockShowRight... 1

Table definition

Table Text

Html

**USER\_CONF**

Column	Type	Length	Not null	Primary key	Auto generated	Refer to table	Refer to column
key_name	String	32672	Yes	Yes			
string_value	String	32672					
int_value	Integer	10					

CREATE TABLE USER\_CONF (  
 key\_name VARCHAR(32672) NOT NULL WITH DEFAULT "",  
 string\_value VARCHAR(32672),  
 int\_value INT,  
 PRIMARY KEY ( key\_name )

Page 1 /1


Page size 50 Rows: 34/34

/67

## 10 Automatical Testing: Open Interfaces

MyBox Test Cases

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




Start  
F1 / CTRL+e / ALT+e

	Tab	Target	Type	Operation	Version	Stage
<input type="checkbox"/>	1	Information in Tree	User interface	Open interface	6.5.9	Alpha
<input type="checkbox"/>	2	Notes	User interface	Open interface	6.5.9	Alpha
<input type="checkbox"/>	3	View PDF	User interface	Open interface	6.5.9	Alpha
<input type="checkbox"/>	4	Convert Pages in PDF to Images	User interface	Open interface	6.5.9	Alpha
<input type="checkbox"/>	5	Convert Images in PDF	User interface	Open interface	6.5.9	Alpha
<input type="checkbox"/>	6	Compress Images in PDF	User interface	Open interface	6.5.9	Alpha
<input type="checkbox"/>	7	Convert Pages in PDF to Htmls	User interface	Open interface	6.5.9	Alpha
<input type="checkbox"/>	8	Extract Images in PDF	User interface	Open interface	6.5.9	Alpha
<input type="checkbox"/>	9	Extract Texts in PDF	User interface	Open interface	6.5.9	Alpha
<input type="checkbox"/>	10	Character Recognition in PDF	User interface	Open interface	6.5.9	Alpha
<input type="checkbox"/>	11	Split PDF	User interface	Open interface	6.5.9	Alpha
<input type="checkbox"/>	12	Merge PDF Files	User interface	Open interface	6.5.9	Alpha
<input type="checkbox"/>	13	Modify PDF Attributes	User interface	Open interface	6.5.9	Alpha
<input type="checkbox"/>	14	Modify PDF Attributes - Batch	User interface	Open interface	6.5.9	Alpha
<input type="checkbox"/>	15	Edit Markdown	User interface	Open interface	6.5.9	Alpha
<input type="checkbox"/>	16	Convert Markdown To Html	User interface	Open interface	6.5.9	Alpha

## 11 Send Message To Author

Welcome to submit problem reports and software requirements.

 Send message to author

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

Send message to author

Title

Issue/Comment/Suggestion


```

<!DOCTYPE html> <HTML>
  <HEAD>
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
    <style type="text/css">
      .center { text-align:center; max-width:95%; }
      table { max-width:95%; margin : 10px; border-style: solid; border-width:2px; border-collapse: collapse;}
      th, td { border-style: solid; border-width:1px; padding: 8px; border-collapse: collapse;}
      th { font-weight:bold; text-align:center;}
      tr { height: 1.2em; }
      .valueBox { border-style: solid; border-width:1px; border-color:black; padding: 5px; border-radius:5px;}
      .boldText { font-weight:bold; }
      .valueText { color:#2e598a; }

    </style>
  </HEAD>
</br> <hr> </br>
  <DIV align="center">
    <TABLE>
      <TR style="font-weight:bold; "> <TH>Name</TH> <TH>Value</TH> </TR>
    </TABLE>
  </DIV>

```

Your name 
 Operating System



<End of Document>