MyBox: Easy Tools Set
User Guide – Development Tools

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Version: 6.6

Date: 2022-9-28
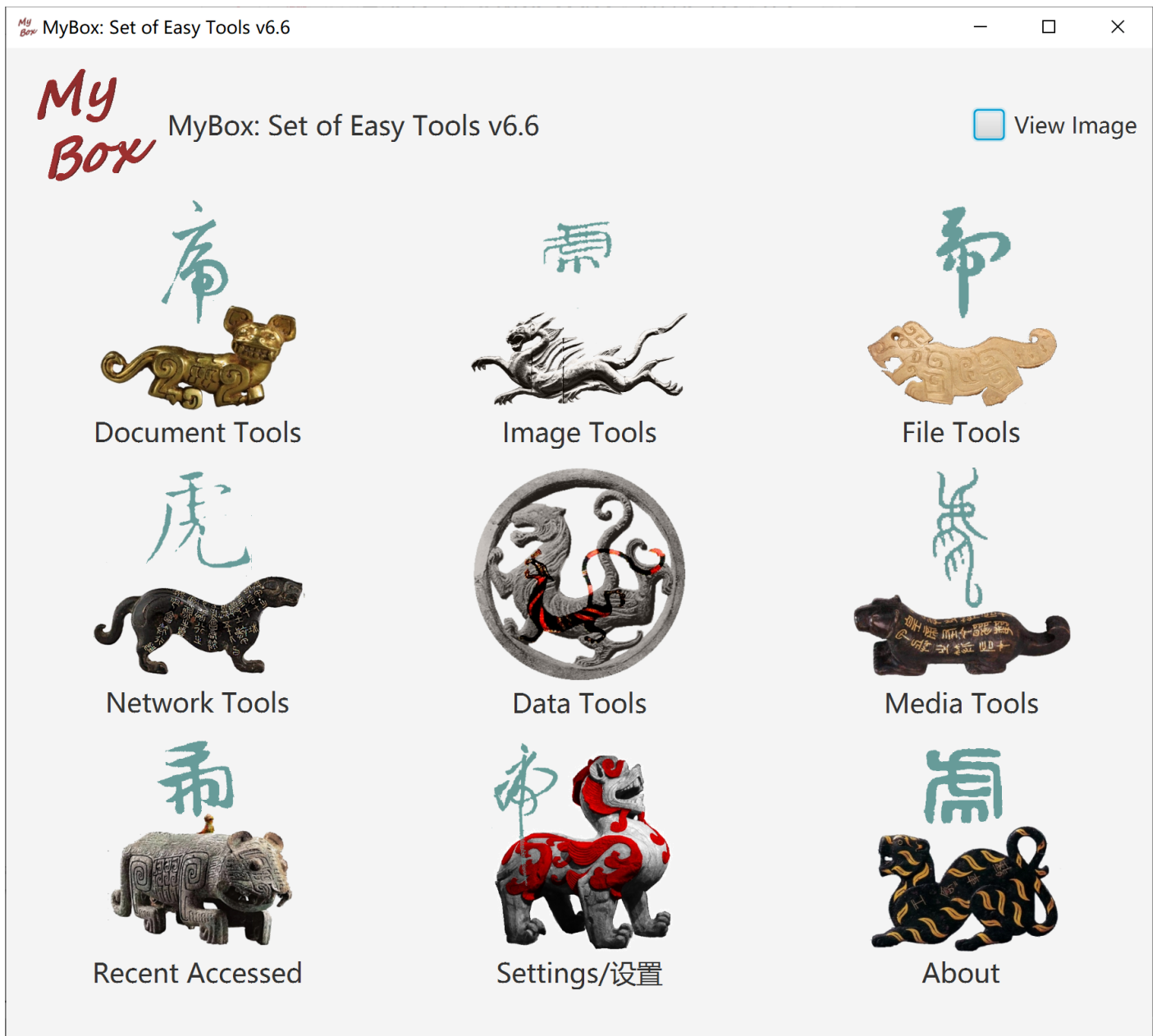
Contents

1 Introduction

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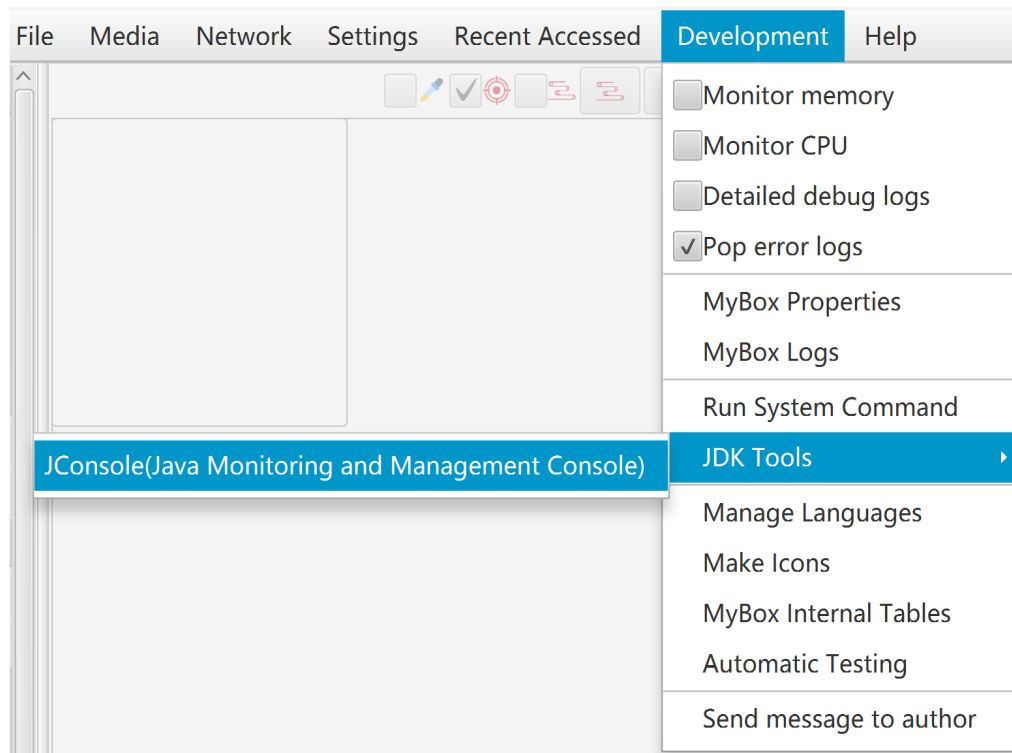
1.1 Main Interface

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_jh075OCX0D8y8A#list/path=%2F

1.3 Documents

Name	Version	Time	English	Chinese
Development Logs	6.6	2022-9-28	html	html
Shortcuts	6.5.6	2022-6-11	html	html
Packing Steps	6.3.3	2020-9-27	html	html
Development Guide	2.1	2020-8-27	PDF	PDF
User Guide - Overview	6.6	2022-9-28	html PDF odt	html PDF odt
User Guide - Document Tools	6.6	2022-9-28	html PDF odt	html PDF odt
User Guide - Image Tools	6.6	2022-9-28	html PDF odt	html PDF odt
User Guide - File Tools	6.6	2022-9-28	html PDF odt	html PDF odt
User Guide - Network Tools	6.6	2022-9-28	html PDF odt	html PDF odt
User Guide - Data Tools	6.6	2022-9-28	html PDF odt	html PDF odt
User Guide - Media Tools	6.6	2022-9-28	html PDF odt	html PDF odt
User Guide - Development Tools	6.6	2022-9-28	html PDF odt	html PDF odt

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 Avaliable memory:2026MB Required:242MB(11.94%) Used:115MB(5.68%)   Windows 10 Physical memory:8102MB Used:6444MB (79.54%)

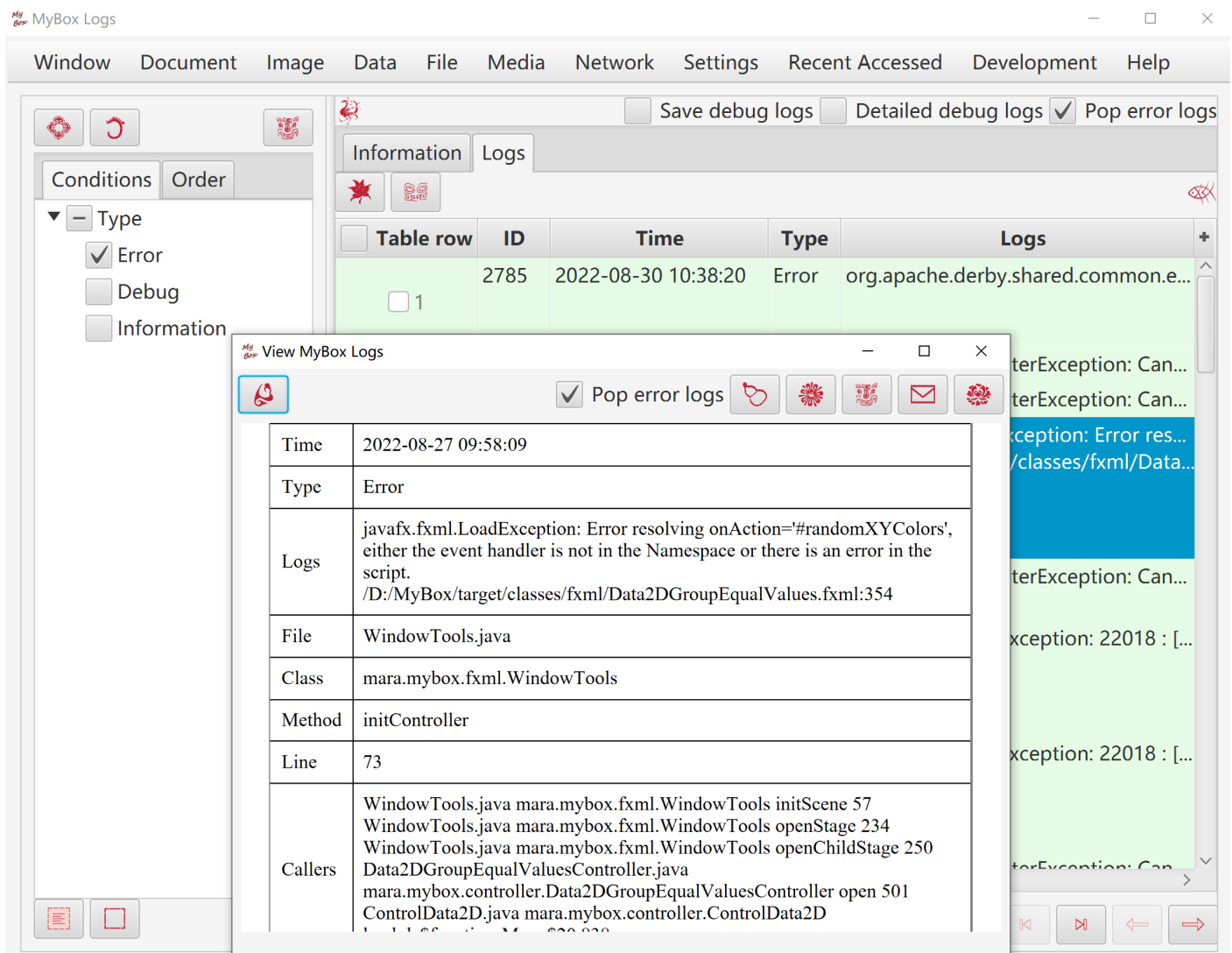MyBox Recent CPU time:367s Recent CPU usage:2.34%   Windows 10 System load average:0s System CPU usage:2.76%

3 MyBox Properties

JVM Properties — □ ✕

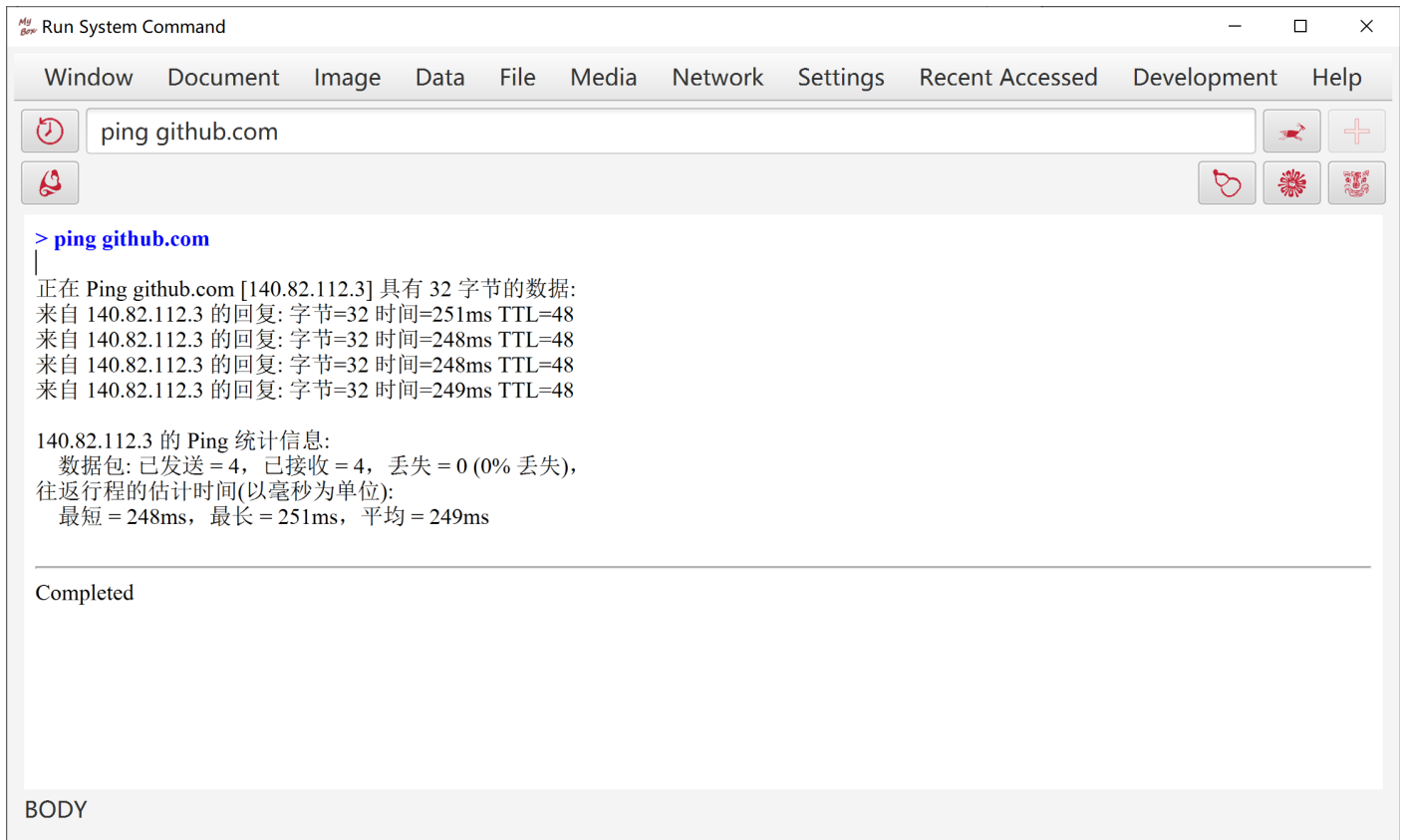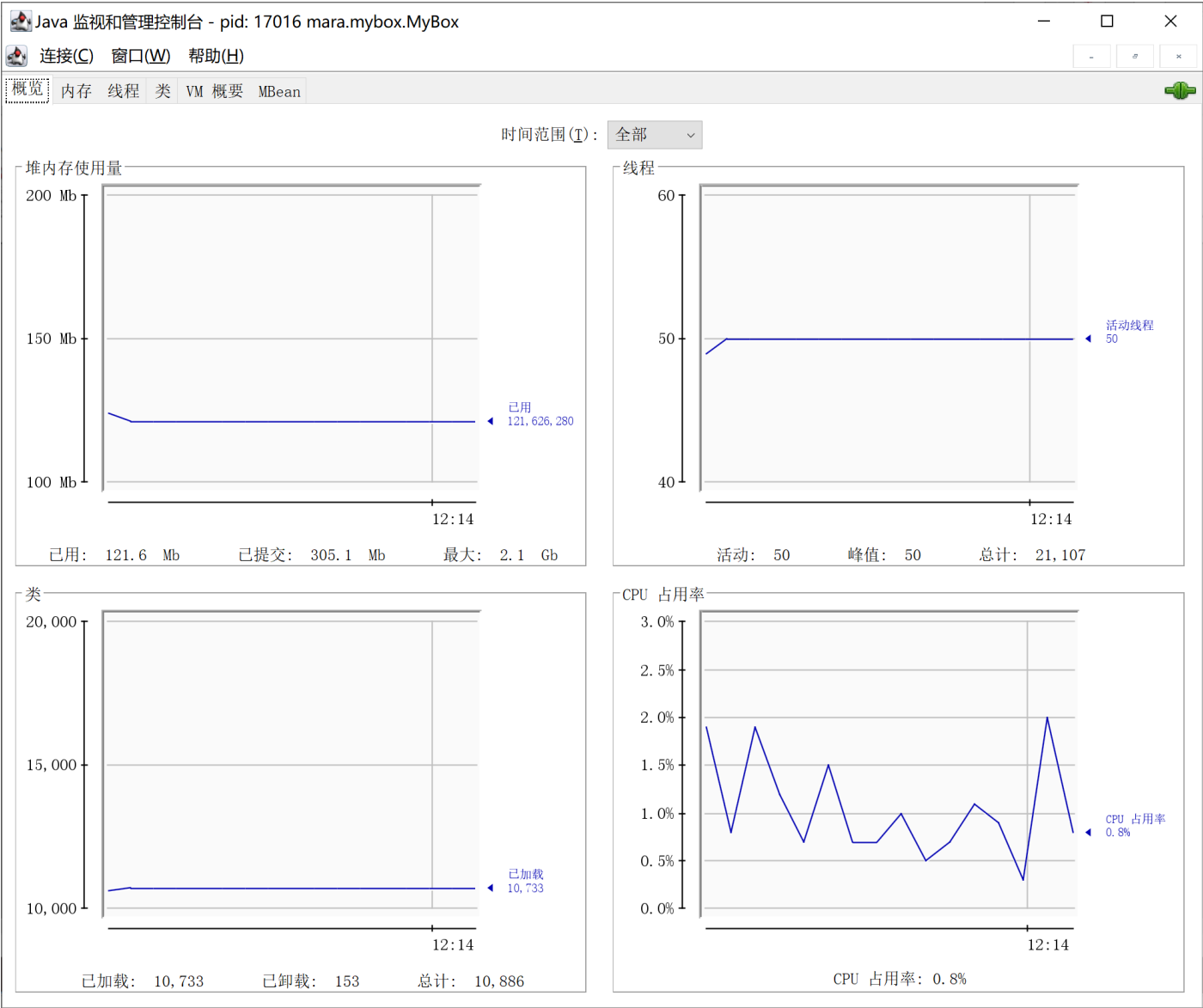| Java I/O tmp dir	D:\SysTemp\
Javafx runtime version	18.0.1+2
Physical memory	8102MB
JVM maximum avaliable memory	2026MB
Sun Jnu encoding	GBK
IO Unicode Encoding	UnicodeLittle
CPU endian	little
Sun desktop	
Physical screen	216dpi Resultion:3,840 x 2,160 Refresh Rate:60 Bit Depth:32
JavaFx screen	72dpi 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

1. 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.

2. Fields: ID, time, type, file, class, method, line, callers, comments.

3. "Callers" is the calling chain. Each line is one node and records: file, class, method, line. Calling chains only include methods of MyBox itself.

4. "Error" will cause interface of MyBox Logs Viewer is popped.

5 Run system commands

Run System Command — □ ×

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

ping github.com

> **ping github.com**

正在 Ping github.com [140.82.112.3] 具有 32 字节的数据:
来自 140.82.112.3 的回复: 字节=32 时间=251ms TTL=48
来自 140.82.112.3 的回复: 字节=32 时间=248ms TTL=48
来自 140.82.112.3 的回复: 字节=32 时间=248ms TTL=48
来自 140.82.112.3 的回复: 字节=32 时间=249ms TTL=48

140.82.112.3 的 Ping 统计信息:
　　数据包: 已发送 = 4，已接收 = 4，丢失 = 0 (0% 丢失)，
往返行程的估计时间(以毫秒为单位):
　　最短 = 248ms，最长 = 251ms，平均 = 249ms
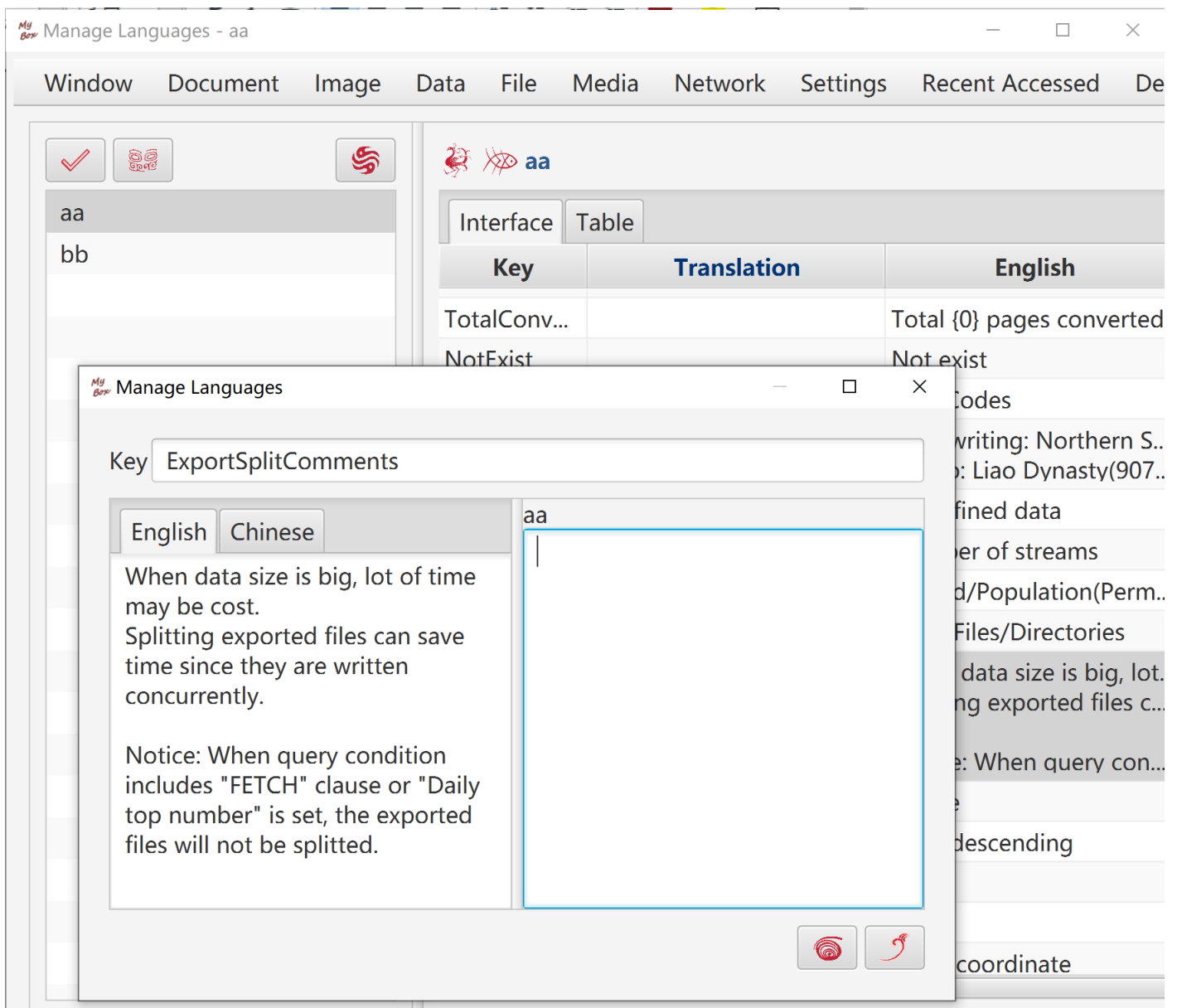
Completed

BODY

6 Start JConsole(Java Monitoring and Management Console)
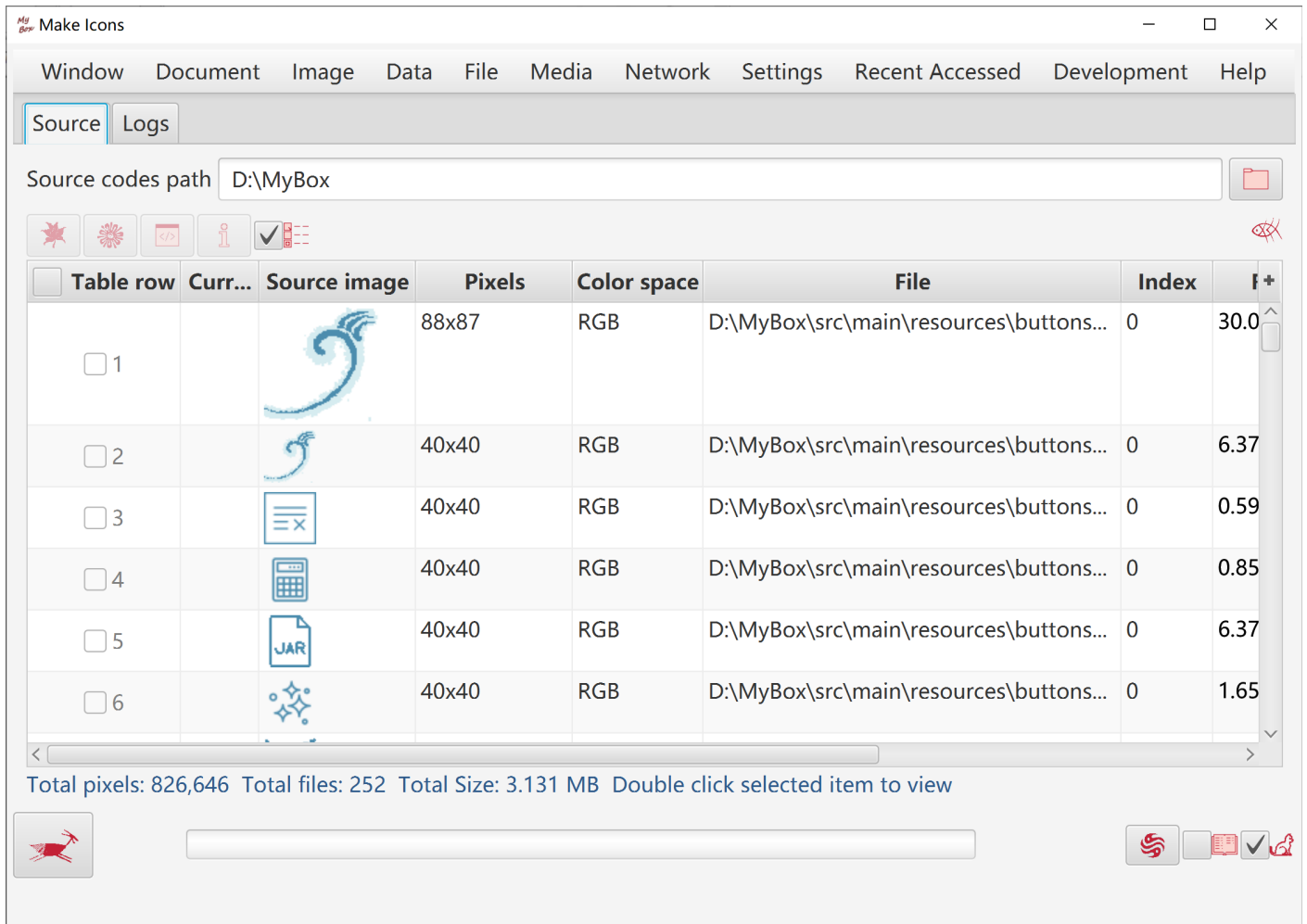
7 Manage Languages

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.

Table row	Curr...	Source image	Pixels	Color space	File	Index	F+
1			88x87	RGB	D:\MyBox\src\main\resources\buttons...	0	30.0
2			40x40	RGB	D:\MyBox\src\main\resources\buttons...	0	6.37
3			40x40	RGB	D:\MyBox\src\main\resources\buttons...	0	0.59
4			40x40	RGB	D:\MyBox\src\main\resources\buttons...	0	0.85
5		JAR	40x40	RGB	D:\MyBox\src\main\resources\buttons...	0	6.37
6			40x40	RGB	D:\MyBox\src\main\resources\buttons...	0	1.65

Total pixels: 826,646 Total files: 252 Total Size: 3.131 MB Double click selected item to view

9 MyBox Internal Tables

10 Automatical Testing: Open Interfaces

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

Start
F1 / CTRL+e / ALT+e

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 | MyBox Logs

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>
```

Your name | mara   Operating System | win

✉

<End of Document>