

Wonsole

The new web console for power users

User Manual



CUSTOMER DRIVEN PROJECT

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Chapter 1

Introduction

This document describes how to use the Wonsole application. It contains a user tutorial as well as command reference.

Chapter 2

Basics

User interface for wonsole is minimal a simple, so that the functionality gets presented in a clear way. If you see the main screen in the picture [2.1](#), on the left hand side, there is a GUI - Graphical User Interface - this is where data get presented as graphics. On the right hand side, there is a console window. This is a place where user can input the commands and send the commands to the system by pressing enter.

By default the list of available databases is displayed in GUI and command prompt in console.

authors
books

```
wonsole2>
```

Figure 2.1: Main screen

Chapter 3

Tutorial

3.1 Database

The most basic command in Wonsole is the command to open, or switch database. It has this format:

```
db DATABASE
```

Where DATABASE is the name of the database to open. Databases are listed in GUI and they can be opened by clicking at the name too.

After issuing the command, the database contents are displayed in GUI, see picture [3.1](#). Wonsole uses document oriented database, so it is list of documents indexed by numbers. From each document the title attribute is displayed as preview.

Same command can be used to switch the database anywhere in the workflow as in picture [3.2](#).

Note: All uncommitted changes are lost when switching the database.

```
0: title:"Romeo and Juliet"  
1: title:"Julius Caesar"  
2: title:"Hamlet"  
3: title:"Macbeth"  
4: title:"A Doll's House"  
5: title:"Peer Gynt"
```

```
wonsole2> db books  
wonsole2> |
```

Figure 3.1: Database open

```
0: title:"Henrik Ibsen"  
1: title:"William Shakespeare"
```

```
wonsole2> db books  
wonsole2> db authors  
wonsole2>
```

Figure 3.2: Database switch

3.2 Log

Note: Developers only.

3.3 Print

Command print is available to display data in plaintext instead of using GUI. It's syntax is very simple - it has one attribute: variable or data to print.

```
print DATA
```

Command loads the data, converts it into text and prints in the console as seen in picture [3.3](#).

```
authors  
books
```

```
wonsole2> print 'Hello world!'  
"Hello world!"  
wonsole2>
```

Figure 3.3: Print

3.4 View

Oposite of the print command there is view. It displays the complex variable in the GUI.

```
view VARIABLE
```

Chapter 4

Appendices

4.1 Command reference

I DONT SEE AN ERROR HERE!

```
\begin{table}
\centering
\begin{tabularx}{\textwidth}{l | X | l}
\textbf{command} & \textbf{description} & \textbf{example} \hline
db DATABASE & opens database DATABASE & db books \hline
docs & switches view to documents & docs \hline
doc INDEX & opens document at INDEX & doc 0 \hline
commit & commits the changes to database & commit \hline
rollback & rolls back the changes & rollback \hline
refresh & refreshes the UI & refresh \hline
clear & clears the console & clear \hline
print & VARIABLE prints the variable VARIABLE & print docs \hline
quiet & toggles list verbosity, default: on & quiet \hline
log & toggles log visibility, default: off & log \hline
remove INDEX & removes object at index INDEX & remove 0 \hline
remove JSON & removes object specified by JSON & remove \{"_id":1231232\}
\hline add JSON & adds object specified by JSON & add \{"title": "New book" \} \hline
seteach ARRAY ATTRIBUTE VALUE & sets (creates if necessary) ATTRIBUTE in object in ARRAY to VALUE &
foreach ARRAY CODE & executes the CODE for each item of ARRAY & foreach docs price=price*10 \hline
filter ARRAY ATTRIBUTE VALUE & filters the ARRAY with VALUE of ATTRIBUTE & filter docs title Report
script ARRAY & executes the ARRAY of commands specified by string & script
\["clear", "db books"] \hline
\end{tabularx}
\caption{Command reference}
\label{table:command-reference}
\end{table}
```