

# Wonsole

The new web console for power users

## User Manual



CUSTOMER DRIVEN PROJECT

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Team: Ivo Dlouhy, Martin Havig, Øystein Heimark, Oddvar Hungnes

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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 refence.

## 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

<b>command</b>	<b>description</b>	<b>example</b>
db DATABASE	opens database DATABASE	db books
docs	switches view to documents	docs
doc INDEX	opens document at INDEX	doc 0
commit	commits the changes to database	commit
rollback	rollbacks the changes	rollback
refresh	refreshes the UI	refresh
clear	clears the console	clear
print	VARIABLE prints the variable VARIABLE	print docs
quiet	toggles list verbosity, default: on	quiet
log	toggles log visibility, default: off	log
remove INDEX	removes object at index INDEX	remove 0
remove JSON	removes object specified by JSON	remove {"id":1231232}
add JSON	adds object specified by JSON	add {"title" : "New book"}
seteach ARRAY ATTRIBUTE VALUE	sets (creates if necessary) ATTRIBUTE in object in ARRAY to VALUE	seteach docs author "Unknown"
foreach ARRAY CODE	executes the CODE for each item of ARRAY	foreach docs price=price*10
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"]

Table 4.1: Command reference