THE BOOK OF

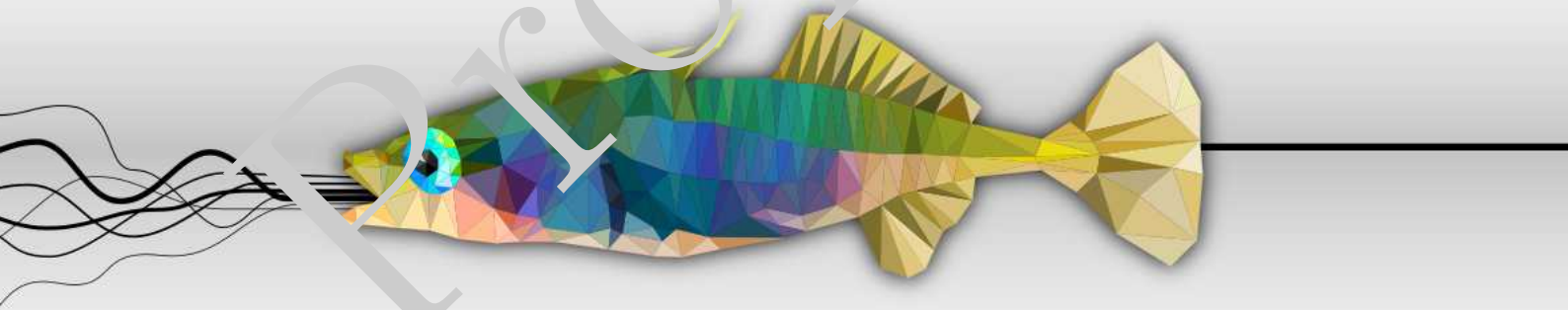
TIDDLYWIKI

ADVANCED CUSTOMIZATION

LUIS J. GONZÁLEZ CABALLERO

Proposal

Your messy thoughts. Organized.



tiddlywiki.com

your personal wiki — a single HTML file

laptop, mobile, tablet — offline or in the cloud

own your data 100% — open source and free

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Advanced Customization

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1 Introduction

1.1 What is tiddlywiki

In this section we will talk about:

- TW description.
- TW philosophy.
- TW as a single page application.
- What are tiddlers.

1.2 Starting with tiddlywiki

In this section we will talk about:

- Where we can find tiddlywiki.
- How to download and a basic usage.
- Tagging tiddlers.
- Transclusion and filters.

1.3 Reasons to use tiddlywiki

In this section we will talk about:

- TW as a way of organizing notes.
- TW as a toolbox.
- Basic uses of TW.
- The TW community.

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1.4 Elements of TW

1.4.1 Tiddlers

1.4.2 Wikitext

1.4.3 Tags

1.4.4 Fields

Main fields (icon, color, data-uri...) and its use.

1.4.5 Transclusion

1.4.6 Filters

1.4.7 Code: macros and widgets

1.4.8 Mechanism

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2 Components of the tiddlywiki screen

In this section we will describe all components of TW. We introduce tags as a way of build the tw screen.

2.1 The TW whole screen

2.2 The right and left topbars

2.3 The right sidebars

2.3.1 The title

2.3.2 The subtitle

2.3.3 The buttons

2.3.4 The search bar

2.3.5 The tabs

2.3.6 Alerts

2.4 The Story river

2.5 Templates

Describe what are templates and how TW use them.

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3 Loading tiddlywiki in the browser

In this section we describe the loading of TW simplified for a non-programmer to understand: from the fist javascript function to the last rendering wikitext to html page elements.

3.1 Architecture

1. The microkernel
2. Startup modules
3. Mechanisms
4. The outer layer: transclusion, widgets, wikitext...

3.2 Loading phases

1. The javascript main function.
2. Creating tiddler objects.
3. Construct the wiki store.
4. Load modules
5. Loading startup tiddlers

3.3 Tiddlers as Basic Coding Elements

3.4 Rendering wikitext

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4 Customize the TW screen

4.1 Showing and hidding content

4.2 Templates

4.2.1 Main system templates

Pagetemplate, Viewtemplate, Edittemplate, Tagtemplate...

4.2.2 How to create templates

4.3 Using CSS in TW

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5 Inside a tiddler

5.1 Types of tiddlers

Wikitext tiddlers, CSS tiddlers, Alert tiddler, Data tiddlers, Macro tiddlers, Tag tiddlers, ...

5.2 Normal tiddler

5.2.1 Formatting text

5.2.2 Linking content

5.2.3 Basic transclusion

5.2.4 Showing external content

as mime types (videos, images, pdfs), as html elements (<video controls...,)

5.3 Adding macros and widgets

Here you can find basic information. Advanced information in later chapters.

5.4 CSS tiddlers

Customizing the appearance of your wiki with CSS tiddlers.

5.5 Alert tiddlers

5.6 Tag tiddlers

A way of ranking tags. A possible use: sidebar index. The color and icon of a tag.

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5.7 Data tiddlers

- JSON and Dictionary tiddlers.
- Refering the data.

5.8 Macro tiddlers

Wikitext macros and javascript macros.

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6 The filter notation

6.1 The filter basic step

6.2 Using filter operators

6.3 Combining filter steps

- combining by OR
- combining by AND
- combining by NOT

6.4 Regular expressions

6.5 Filter uses

6.6 Examples

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7 The behavior of tiddlywiki

7.1 Creating microcontent

7.2 Organizing microcontent with links

7.3 Organizing tiddlers with tags

7.4 Personalize behavior with macros and widgets

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8 Macros

Customizing your tiddler functionality with macros.

8.1 Basic macros included

8.2 Writting your own macros

8.3 Using macros

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9 Widgets

Customizing your tiddler functionality with widgets.

9.1 Basic widgets included

9.2 Writting your own widgets

This question is out of the goal of this book. We show how to add javascript code to your tiddler.

9.3 Using widgets

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10 The scrippting business

Pieces of code.

10.1 List scrippting

Lists, nested lists, actions and buttons inside lists...

10.2 Interface scrippting

How to use buttons, edittext, radiobuttons, checkboxes...

10.3 Data tiddlers scrippting

How to use data tiddlers.

10.4 Template scrippting

Revealing sections of tiddlywiki, state tiddlers...

10.5 Tiddlers scrippting

Creating, removing and editing tiddlers with code, navigating with code...

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11 Recipe book

In this section we will show master code pieces to various situations. Personal wikis with many uses.

Maybe the sections will be:

11.1 Personal todo-list

11.2 Writting stories

11.3 Image gallery

11.4 Lesson planner

11.5 Simple game

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12 Languages

12.1 Tiddlywiki languages

12.2 Writing international wikis

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13 Plugins

13.1 Extending tiddlywiki functionality

13.2 Creating plugins

13.3 Where we can find plugins

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14 The people. The project

I want to add a chapter with all the people under this project. From Jeremy though the core developers to the wiki writers.

And the project, its philosophy and the future of tiddlywiki.

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