

# TW-Scripts

A Comprehensive Resource for  
Scripting in TiddlyWiki 5

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May 20<sup>th</sup>, 2021

<https://github.com/kookma>


# What is TW-Scripts?






## About

21st May 2021 at 12:52pm

**TW-Scripts** is one of the most comprehensive collection of solutions including codes, macros, stylesheets, tips and tricks for Tiddlywiki 5.

- **Page:** <https://kookma.github.io/TW-Scripts/>
- **Github repo:** <https://github.com/kookma/TW-Scripts>















TW 5.1.24-prerelease

## Scripts in Tiddlywiki

codes, macros, and solutions in TW





**Open**

Contents

Favorites

Recent

Tools

More

Trashbin

Cyclopedia

× About

close all

# The Landing Page


## Search Wiki

15th May 2021 at 10:40pm

start

Search in fields... ☐ case insensitive

search terms



## Search in Tiddlywiki Toolmap

21st March 2020 at 5:09pm

start

[Tiddlywiki toolmap](#) is a topical index of known plugins, tutorials, themes, and other helpful tools for TiddlyWiki.










Enter a keyword and click on the created link to search the Tiddlywiki toolmap.

Search in Tiddlywiki Toolmap:

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## Scripts in Tiddlywiki

codes, macros, and solutions in TW

[Open](#) [Contents](#) [Favorites](#) [Recent](#) [Tools](#) [More](#) [Trashbin](#) [Cyclopedia](#)

- × Search Wiki
- × Search in Tiddlywiki Toolmap
- × Search in Official Tiddlywiki Site
- × Hot Resources
- × Latest Topics
- × History
- × Image and Icons

close all

# Search in TW-Scripts

## Search Wiki

15th May 2021 at 10:40pm

start

Search in fields... ☐ case insensitive


exter

**keywords**

- [Canonical URI and External Image](#)
- [Create External Images from A Directory](#)
- [Display an Image from Google Drive](#)
- [External Images and External Thumbnails](#)
- [Import as External Image](#)
- [Link to a PDF File on a Specific Page](#)
- [Notes on Using External Web Content v1](#)

**description**

- [CSS Library](#)
- [External Image through Canonical URI](#)
- [External Video through Canonical URI](#)
- [Richlinks](#)



Search wiki in all fields! NOT restricted to title, tags and text field!

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## Scripts in Tiddlywiki

codes, macros, and solutions in TW

Open Contents Favorites Recent Tools More Trashbin Cyclopedia

- × Search Wiki
- × Search in Tiddlywiki Toolmap
- × Search in Official Tiddlywiki Site
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close all

Search in Tiddlywiki Toolmap

# Search in TW-Scripts Using Specific Field

The screenshot displays the Tiddlywiki interface with two search results panels. The top panel, titled 'Search Wiki', shows a search for 'oper' with the 'title' field selected. The results list includes 'CSS Custom Properties', 'DataTiddler and Property Table', 'Developer Links', 'Listing DataTiddler Properties', 'String operation', 'Subfilter operation', and 'Using Svg in CSS Content Properties'. A green arrow points to the 'title' dropdown menu with a yellow box containing the text 'Search only in title field'. The bottom panel, titled 'Search in Tiddlywiki Toolmap', shows a search for 'oper' with the 'title' field selected. The results list includes 'Tiddlywiki toolmap'.

**Search Wiki**  
15th May 2021 at 10:40pm  
start

Search in fields... ☐ case insensitive  
oper title

**title**

- [CSS Custom Properties](#)
- [DataTiddler and Property Table](#)
- [Developer Links](#)
- [Listing DataTiddler Properties](#)
- [String operation](#)
- [Subfilter operation](#)
- [Using Svg in CSS Content Properties](#)

**Search only in title field**

**Search in Tiddlywiki Toolmap**  
21st March 2020 at 5:09pm  
start

[Tiddlywiki toolmap](#) is a topical index of known plugins, tutorials, themes, and other helpful tools for TiddlyWiki.

TW 5.1.24-prerelease  
**Scripts in Tiddlywiki**  
codes, macros, and solutions in TW

Open Contents Favorites Recent Tools More Trashbin Cyclopedia

- × Search Wiki
- × Search in Tiddlywiki Toolmap
- × Search in Official Tiddlywiki Site
- × Hot Resources
- × Latest Topics
- × History
- × Image and Icons
- close all

# Search in TiddlyWiki Toolmap

The screenshot displays the TiddlyWiki interface with two search toolmaps on the left and a sidebar on the right.

**Search in Tiddlywiki Toolmap** (Green background):

- Created: 21st March 2020 at 5:09pm
- Buttons: start, edit, delete, close
- Text: [Tiddlywiki toolmap](#) is a topical index of known plugins, tutorials, themes, and other helpful tools for TiddlyWiki.
- Text: Enter a keyword and click on the created link to search the Tiddlywiki toolmap.
- Search input: Search in Tiddlywiki Toolmap:
- Result: [Tiddlyshow](#)
- Button: **Search directly in Tiddlywiki toolmap!**

**Search in Official Tiddlywiki Site** (Blue background):

- Created: 21st March 2020 at 5:09pm
- Buttons: start, edit, delete, close
- Text: Enter a keyword and click on the created link to search the Tiddlywiki toolmap.
- Text: Search in <https://www.tiddlywiki.com...> ☐ only title ☐ all fields (everything)
- Search input:  ☐ exclude system tiddlers

**Sidebar (Right):**

- Version: TW 5.1.24-prerelease
- Section: **Scripts in Tiddlywiki**  
codes, macros, and solutions in TW
- Navigation icons: Home, Close, Add, Settings, Check, Help, Search, Moon
- Search bar:
- Buttons: Open, Contents, Favorites, Recent, Tools, More, Trashbin, Cyclopedia
- List:
  - × Search in Tiddlywiki Toolmap
  - × Search in Official Tiddlywiki Site
  - × Hot Resources
  - × Latest Topics
  - × History
  - × Image and Icons
- close all

# Search Official TiddlyWiki Page

The screenshot displays the TiddlyWiki interface with two main panels on the left and a sidebar on the right.

**Search in Official Tiddlywiki Site**  
21st March 2020 at 5:09pm  
start

Enter a keyword and click on the created link to search the Tiddlywiki toolmap.

Search in <https://www.tiddlywiki.com...> ☐ only title ☐ all fields (everything) ☐ exclude system tiddlers

Filter Operators

Filter Operators

Search directly in tiddlywiki.com the official documentation site!

**Hot Resources**  
21st March 2020 at 5:09pm  
start

More references with Tiddlywiki scripts

1. Tobias Beer tb5: <https://tobibeer.github.io/tb5/#Welcome>

**Scripts in Tiddlywiki**  
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Open Contents Favorites Recent Tools More Trashbin Cyclopedia

- × Search in Tiddlywiki Toolmap
- × Search in Official Tiddlywiki Site
- × Hot Resources
- × Latest Topics
- × History
- × Image and Icons
- close all

# Latest Topics in TW-Scripts

The screenshot displays the TW-Scripts interface. On the left, there are two panels. The top panel, titled 'Latest Topics' in a yellow header, shows a list of eight solutions added within the last 7 days. A green arrow points to the text 'Latest solutions added to TW-Scripts within last 7 days.' The bottom panel, titled 'History', shows the release date '26th April 2021 at 10:13am' and the version 'Release 5.1.24p' dated 'Apr 26th, 2021'. On the right, the 'Scripts in Tiddlywiki' section includes a search bar, a navigation menu with options like 'Open', 'Contents', 'Favorites', 'Recent', 'Tools', 'More', 'Trashbin', and 'Cyclopedia', and a list of search filters such as 'Search in Tiddlywiki Toolmap', 'Search in Official Tiddlywiki Site', 'Hot Resources', 'Latest Topics', 'History', and 'Image and Icons'.

Latest Topics

21st March 2020 at 5:09pm

start

Latest solutions added to TW-Scripts within last 7 days.

1. [Import as External Image](#)
2. [What is not Good with Many ViewTemplates](#)
3. [How :filter works?](#)
4. [List Tiddlers Modified between Two Sates](#)
5. [Tab Color from Tiddler Color](#)
6. [Combine and Print Tiddlers](#)
7. [Display the Fields and Their Value](#)
8. [HTML Native File System Saver](#)

History

26th April 2021 at 10:13am

start

**Release 5.1.24p**  
Apr 26th, 2021

TW 5.1.24-prerelease

## Scripts in Tiddlywiki

codes, macros, and solutions in TW

Home X + Settings Document Checkmark Question Mark Star Moon

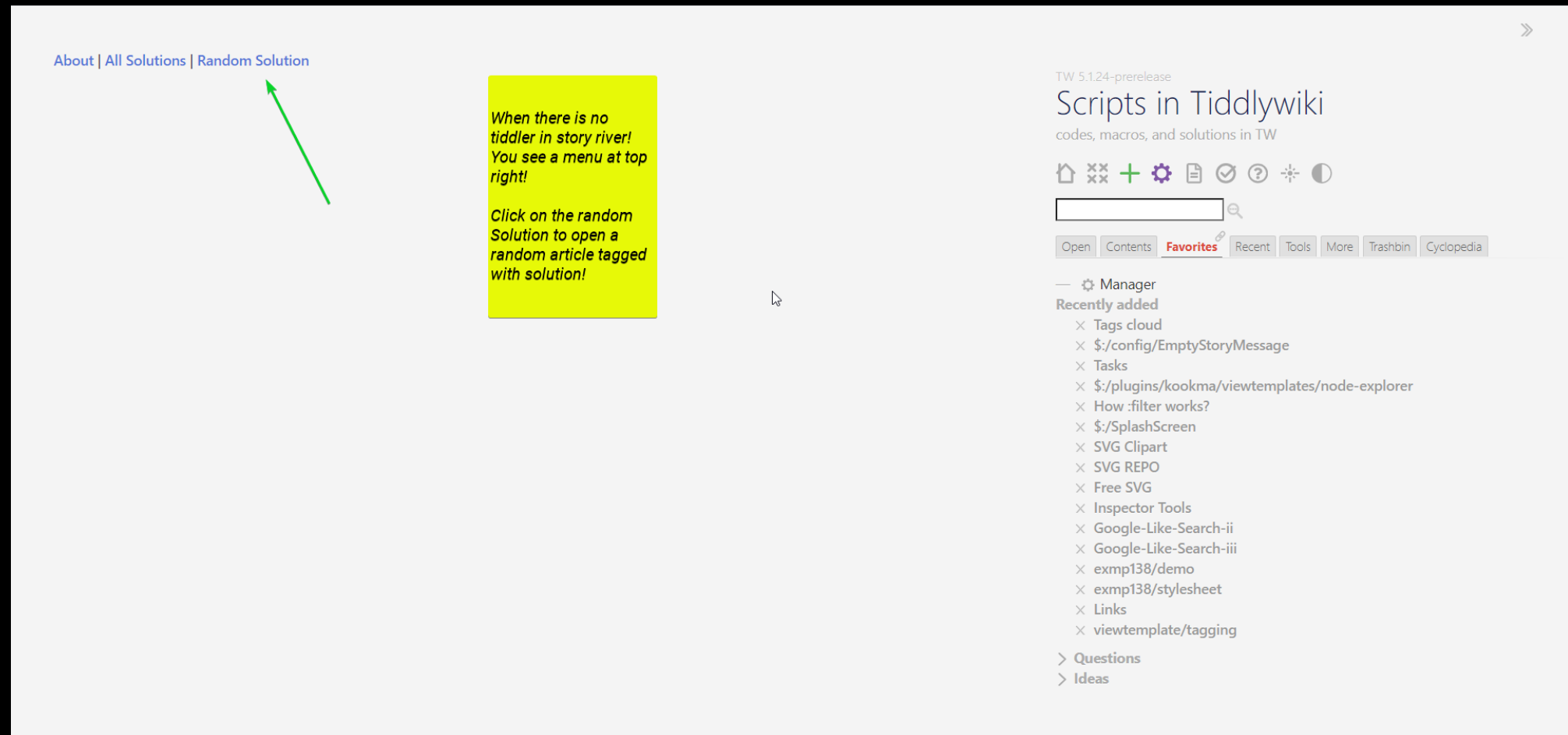
Open Contents Favorites Recent Tools More Trashbin Cyclopedia

- X Search in Tiddlywiki Toolmap
- X Search in Official Tiddlywiki Site
- X Hot Resources
- X Latest Topics
- X History
- X Image and Icons

close all



# Enjoy Reading Using the Random Article . . .



# Enjoy Reading Using the Random Article

The screenshot shows the Tiddlywiki interface. The main article, titled "A Permalink Using Created Date", is displayed in a light gray box. A green arrow points to the title. The article's metadata includes the date "11th May 2021 at 11:02am" and a "solution" tag. The "Ref" is "Anders" and the "Keywords" are "link" and "permalink". The article text explains that Tiddlywiki uses the tiddler title as a unique ID and provides a solution for creating a permanent link using the creation date. A yellow box highlights the text "This is an article is opened by clicking on Random Solution!". The article also shows a "Solution ii" and a "See also" link to a GitHub discussion. The right sidebar shows the "Scripts in Tiddlywiki" section with a list of recently added scripts.

A Permalink Using Created Date

11th May 2021 at 11:02am

solution

Ref: Anders

Keywords: link permalink

Tiddlywiki uses the tiddler title as unique ID. If you create a permanent link and share elsewhere it will not work if you change the title.

One solution to have a permanent link is to use the creation date as below

`https://tiddlywiki.com/#:[created[20140904085700000]]`

Solution ii

A much smarter solution by Anders:

It creates a new field called permalink and inserts `<slugified title>-<created>`. Since the title is unique at creation, this string should be unique (?). Further, it copies the appropriate link to the clipboard;

`https://tiddlywiki.com/#:[contains:permalink[new-tiddler-20200509141702846]]`

If you change the title, the button **appends** the new `<slugified title>-<created>` to the permalink field so that both links go to the same tiddler. To give a try drag and drop `$/core/ui/Buttons/permalink` provided in the above link.

See also

<https://github.com/Jermolene/TiddlyWiki5/discussions/5668>

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Scripts in Tiddlywiki

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Open Contents Favorites Recent Tools More Trashbin Cyclopedia

Manager

Recently added

- × Tags cloud
- × \$:/config/EmptyStoryMessage
- × Tasks
- × \$:/plugins/kookma/viewtemplates/node-explorer
- × How :filter works?
- × \$:/SplashScreen
- × SVG Clipart
- × SVG REPO
- × Free SVG
- × Inspector Tools
- × Google-Like-Search-ii
- × Google-Like-Search-iii
- × exmp138/demo
- × exmp138/styleSheet
- × Links
- × viewtemplate/tagging

> Questions

> Ideas

# Look in Keywords, Responders, and Solutions

The screenshot shows the Tiddlywiki interface. On the left, a tiddler titled "Canonical URI and External Image" is displayed. It includes a reference to Jeremy Ruston and keywords: external, image, and canonical-uri. The text explains the purpose of the `_canonical_uri` field and provides an example of how to use it with `MyImage` and `images\anatomy.jpg`. On the right, the "Cyclopedia" sidebar is visible, showing a search bar and a list of responders. A yellow callout box points to the sidebar with the text: "Cyclopedia lets you see the list of Responders Keywords Solutions and also search in the list!".

Canonical URI and External Image

11th February 2020 at 12:36pm

solution

Ref: [Jeremy Ruston](#)

Keywords: external image canonical-uri

**What is `_canonical_uri`?**

It lets you wrap an external tiddler into a tiddler so that you can refer to it more easily.

**Example**

For example, create a tiddler titled `MyImage` with the type `image/jpeg` and the `_canonical_uri` field set to `images\anatomy.jpg`. Then you can embed it as an image with `[img[MyImage]]` or `{{MyImage}}`.

The advantage of using it is that you can subsequently change the URL of the image just by changing it in a single place.

► Node Explorer

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Scripts in Tiddlywiki

codes, macros, and solutions in TW

Open Contents Favorites Recent Tools More Trashbin Cyclopedia

Search in responders

All responders: 65

**A Gloom**

1. Behavior of Svg Internal Links
2. How Temporarily Show a Tiddler in Sidebar
3. Math Macro a Simple Calculator
4. Svg image and Change Viewbox and Dimension
5. Tabs Macro Button Template
6. Template for Displaying Fields in View Mode
7. Translate Button on Selected Tiddlers

**Abraham Samma**

1. Tweak Sidebar Background

**Anders**

1. A Permalink Using Created Date
2. A Table of Tiddlers in Alphabetical Order
3. Pretty Printing CSS

**Anonymous**

Cyclopedia lets you see the list of  
Responders  
Keywords  
Solutions  
and also search in the list!

# The Tags Cloud with Frequency They Used

## Canonical URI and External Image

11th February 2020 at 12:36pm

solution

Ref: [Jeremy Ruston](#)

Keywords: external image canonical-uri

### What is `_canonical_uri`?

It lets you wrap an external tiddler into a tiddler so that you can refer to it more easily.

### Example

For example, create a tiddler titled `MyImage` with the type `image/jpeg` and the `_canonical_uri` field set to `images\anatomy.jpg`. Then you can embed it as an image with `[img[MyImage]]` or `{{MyImage}}`.

The advantage of using it is that you can subsequently change the URL of the image just by changing it in a single place.

► Node Explorer

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## Scripts in Tiddlywiki

codes, macros, and solutions in TW

Open Contents Favorites Recent Tools More Trashbin **Cyclopedi**

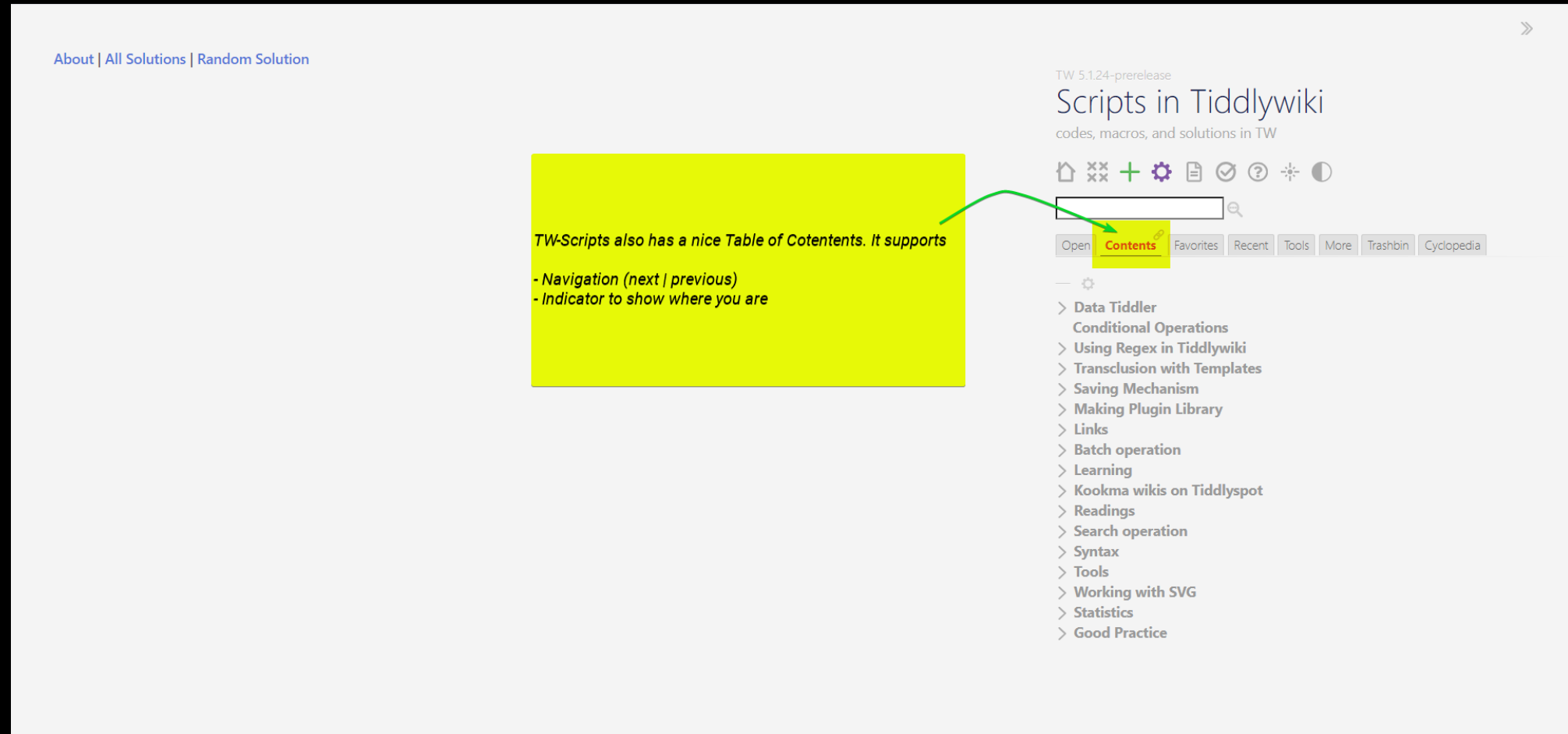
Tags cloud

There is Tag Cloud under Cyclopedi!

You can customize how tags cloud to be generated!

Ther are sorted based of number of tiddlers tagged with!

# Enjoy Linear Reading Using the Contents Tab



About | All Solutions | Random Solution

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## Scripts in Tiddlywiki

codes, macros, and solutions in TW

Home X + Settings Document Checkmark Help Star Moon

Open **Contents** Favorites Recent Tools More Trashbin Cyclopedia

- > Data Tiddler
- Conditional Operations
- > Using Regex in Tiddlywiki
- > Transclusion with Templates
- > Saving Mechanism
- > Making Plugin Library
- > Links
- > Batch operation
- > Learning
- > Kookma wikis on Tiddlyspot
- > Readings
- > Search operation
- > Syntax
- > Tools
- > Working with SVG
- > Statistics
- > Good Practice

TW-Scripts also has a nice Table of Contents. It supports

- Navigation (next | previous)
- Indicator to show where you are

# Step through Contents, and the Location Flag

The screenshot shows the Tiddlywiki interface. The main panel displays the 'DataTiddler Terminology' page, which includes a reference to the 'Google JSON Style Guide', keywords like 'dataTiddler', 'index', 'property', 'value', and 'dictionary', and a list of terms. The sidebar on the right shows the 'Scripts in Tiddlywiki' page with a table of contents. A yellow callout box in the bottom right corner provides navigation instructions.

**DataTiddler Terminology**  
11th May 2021 at 8:54am  
datatiddler solution

Ref: [Google JSON Style Guide](#)  
Keywords: dataTiddler index property value dictionary

For the purposes of this style guide, we define the following terms:

- property - a name/value pair inside a JSON object.
- property name - the name (or key) portion of the property. It is called *index* in Tiddlywiki.
- property value - the value portion of the property. It is called the *value* in Tiddlywiki.

"propertyName": "propertyValue"

The **name/value** pair together is a "property".

[previous](#) | [next](#)

**2**

**Scripts in Tiddlywiki**  
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Open **Contents** Favorites Recent Tools More Trashbin Cyclopedia

**Data Tiddler**

- 1** DataTiddler Terminology
- Access to DataTiddler Index/Value Pair
- Listing DataTiddler Properties
- DataTiddler and Property Table
- Search DataTiddler Using regexp
- Find DataTiddlers with Certain Index/Value
- Add Remove DataTiddler Index/Value Pairs
- Example: Add/Remove DataTiddler Indexes
- DataTiddler Value Set to a Variable
- Variable as DataTiddler Index
- Using Tiddler Widget with DataTiddler
- Another DataTiddler and Tiddler Widget
- Set the Index/Value Using Select Widget
- Custom Styles Using DataTiddler
- Field Value as DataTiddler Index
- How Exclude Some Indexes in Filter
- Select Widget and DataTiddler
- DataTiddler Index/Value Using Forms
- Remove Index/Value Using Form
- A Dictionary Project
- List all DataTiddlers

**Start you reading linearly!**  
**Start from Table of Contents**  
**See where you are!**  
**Navigate using Next | Previous**

# Solution Ribbon Lets Find Relevant Materials

The screenshot displays the Tiddlywiki interface. On the left, a solution ribbon titled "Filter to Export Everything Except the Core" is visible. It includes a date "31st March 2020 at 6:16pm", a "solution" tag, and a reference "Ref: Jeremy Ruston". Below this, the "Keywords" section shows "export" and "tiddler". A green arrow points to the "tiddler" keyword. A dropdown menu is open, listing various tiddlers. A green arrow points to the "Add a New Element to Page Controls" option in the dropdown. A yellow callout box says "The keywords pill works like tags pill!". Another yellow callout box says "Select a tiddler from drop down menu which has the same keyword!". On the right, the "Scripts in Tiddlywiki" section is visible, showing a list of 18 scripts. The "Responders" section is also visible, showing a search bar and a list of responders.

Filter to Export Everything Except the Core

31st March 2020 at 6:16pm

solution

Ref: Jeremy Ruston

Keywords: export tiddler

The keywords pill works like tags pill!

How export all tiddler

One can use exactly the same way to export those are usually handled by the tiddlyweb and filesystem plugins, but to use would be `[is[tiddler]]`.

Open [\\$/Advanced](#)

tiddler

- Template and Tiddler Widget
- A Dictionary Project
- Add a New Element to Page Controls
- Another DataTiddler and Tiddler Widget
- Batch Delete Export Tiddlers
- Batch Edit Tiddler Title
- Change the Order of Tiddlers
- Change the Title of a Tiddler from the Tiddler Itself
- Check if Tiddler Exist
- Cloning Tiddlers
- Compare if Tiddler Newer Than the Other
- Consolidate the Current Story to Default
- Create a New Tiddler Using Input Box
- Create a Simple Comment Button
- Create a Tiddler if not Existed
- Create New Tiddler and TextReference in Tags
- Create New Tiddler with a Link to Current in the Text
- Create Tiddler with Sequence Number
- Create Tiddler with Several Tags Using User Inputs
- Create Tiddler with Title and Time
- Creating Tiddlers Programmatically
- Custom Styles Using DataTiddler

Select a tiddler from drop down menu which has the same keyword!

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## Scripts in Tiddlywiki

codes, macros, and solutions in TW

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Search in responders jere

Keywords

Solutions

Tags cloud

Responders

All responders: 65

Jeremy Ruston

1. A Two Way Conditional View Template
2. Activate the Spell Check with Codemirror
3. Append Rules Pragma
4. Best Pattern in Actions and Button Widget
5. Camel Case Words in List Output
6. Canonical URI and External Image
7. Check if Macro or Variable Exists
8. Copy Result of Wikitext to clipboard
9. Disable Search Autofocus
10. Display All Core Images in a Table
11. Display Tagged Tiddlers Using ViewTemplate
12. Edit Text Widget with Popup
13. Editor Toolbar Button Toggle RTL
14. Empty Story River
15. Filter to Export Everything Except the Core
16. Filters inside Plugin Does not Work
17. Five Most Important Widgets
18. Generate Static Pages from Browser

# Create New Solutions

## Filter to Export Everything Except the Core

31st March 2020 at 6:16pm

solution

Ref: [Jeremy Ruston](#)

Keywords: export tiddler

1

2

### How export all tiddler except the core?

One can use exactly the same tiddlers in both configurations (apart from needing the tiddlyweb and filesystem plugins, but those are usually handled by reference from the tiddlywiki.info file), so the filter to use would be `[is[tiddler]]`.

Open `$/AdvancedSearch`, Filter tab and enter `[is[tiddler]]` and then press export.

TW-Scripts uses Solutions plugin!

It supports nice


- Speciall ribbon with
  - keywords pill
  - Author link

You can simply create new solution by using speciall button on the sidebar (page controls)

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## Scripts in Tiddlywiki

codes, macros, and solutions in TW

Home X + Settings Checkmark ?  Moon

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Responders Search in responders jere

Keywords All responders: 65

Solutions **Jeremy Ruston**

Tags cloud

1. A Two Way Conditional View Template
2. Activate the Spell Check with Codemirror
3. Append Rules Pragma
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8. Copy Result of Wikitext to clipboard
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10. Display All Core Images in a Table
11. Display Tagged Tiddlers Using ViewTemplate
12. Edit Text Widget with Popup
13. Editor Toolbar Button Toggle RTL
14. Empty Story River
15. Filter to Export Everything Except the Core
16. Filters inside Plugin Does not Work
17. Five Most Important Widgets
18. Generate Static Pages from Browser



# Stay Tuned!

- Page: <https://kookma.github.io/TW-Scripts/>
- Repo: <https://github.com/kookma/TW-Scripts>