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Welcome on the Wiki!

This website was created to organize and share my experiments and materials, but it is also my creative space, which I treat as a drawer for my ideas. For many years, I had a problem with organizing all the materials I had managed to create. I searched for a long time for a simple “Wiki”-style system that would be easy to use and did not use a database. I chose the DokuWiki package, which I think is perfect for a small personal wiki. On this Wiki, you can find my studies and works that I created for the purposes of my current job, for myself to document something I managed to do, or for the university when I was a student. You will also find recordings of my training courses here. You can also see programs, scripts, and technical advice useful for admin work. You will also find some interesting facts from the world of physics and mathematics. I like to see the visual effect of something I have created, which is why most of my work contains descriptions, graphical user interfaces, large colorful charts, code usually has comments, and the results of programs are presented graphically.



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I work on this wiki in my spare time, so I sometimes post something here with the thought, “I’ll finish this later.” Please treat this wiki as a drawer where I throw whatever interests me at the moment. The projects and solutions published here are published under free open source licenses without any

guarantees as to their implementation, so please do not treat what you read here as something professional, but rather as something someone did in their spare time.



Web revival movement

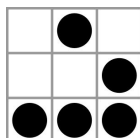


This website and my other sites were created primarily because the internet today is mostly filled with AI-generated content. People flock to websites where they aren't in control of what's displayed to them—it's controlled by an algorithm.

This site strives to be different: you won't find content here that hasn't been verified or tested beforehand, you won't find AI-generated images, and most importantly, this site doesn't try to be beautiful or look like it's worth a million dollars—it's created by people, for people.

If you want to learn more about this topic, I recommend an article by Melon King titled: [Intro to the Web Revival #1: What is the Web Revival?](#)

Hacker community



Source: [Hackaday](#)

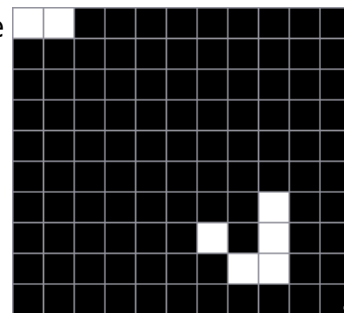
I am surprised that despite all the efforts of hackers, many people still do not understand the difference between a [cracker](#) and a [hacker](#). For me, hacking is a clever and useful solution to a problem related to computer science, and it should not have a negative connotation for anyone. In Poland, there are many hackerspaces that bring together everyone involved in this field.



Hacker culture is guided by values such as:

* **Freedom of information** - knowledge should be accessible to everyone; I am not in favor of [hiding knowledge behind paywalls](#) or other mechanisms that exclude others. That is why the materials on this wiki are published under the [GNU FDL](#) license.

- **Share knowledge** - hackers love to talk about their projects and share them, which is why I created this wiki.
- **Don't trust authority** - decentralization.
- **Judge by skill** - what matters is what you can do.
- **The Art of Code** - programming and technology are not only science, but also a form of creativity and expression.
- **Technology changes lives for the better** - don't be afraid of new technologies, check, test, and experiment.



source: [dinesh-GDK/Game-Of-Life](#)

Logo itself is really a [glider](#) from [Conway's Game of Life](#)

- **Break the system, but don't cause harm** - "hacking" is not cracking; it's not necessarily about destroying and breaking security measures, it's about exploring and improving them ([White hat](#)).
- Have fun and be curious about technology.

The wiki you are currently reading was created with precisely this in mind. The materials published here are not intended to enable anyone to hack into certain systems or steal software, but rather to raise awareness and teach how certain security measures and technologies work so that they can be properly implemented or experimented with.

Who am I?

I am IT engineer that is a nerdy passionate about stuff that he does. More info on my home page: ostrowski.net.pl

Mapa Wiki

You wanna read how this map is generated?

[PHP: Tree graph generated from wiki articles](#)

Use mouse wheel to zoom in or out, and left mouse button to drag.

What i am using

Type of software/program	Name	Why this?
Web browser	Firefox	Lightweight, habits, I use several profiles, etc. (maybe someday I'll write a blog post about some useful Firefox add-ons).
Text editor and hex editor	Notepad++ (in the past) now it is mostly Jedit or xed (default editor in linux mint)	Lightweight and it has plugins for virtually anything
Binary debugger for windows	X64dbg	I don't have a huge preference towards, i know how to use it and that's why i am using it
IDE python	Spyder, IDLE but nowadays mostly Jupyter	Graphs, good jupyter's interactivity where i don't have jupyter i use spyder
IDE C++	Dev-CPP (nowaday i use CPP IDE very occasionaly i just compile source in terminal)	I used it in highschool and i hate bloat in VisualStudio

Type of software/program	Name	Why this?
Database	favorite SQLite, but frequently also MySQL	MySQL is very popular and well-documented. SQLite, on the other hand, is used because you don't always need a high level of scalability, and a lightweight, simple database like this is sufficient.
Office	OnlyOffice	Just got used to it
Diagrams	Visio at work, Draw.io at home	Visio because everyone uses it and I have a license, and draw.io because I integrate with Dokuwiki.
Electronics simulations	Tina-TI or falstad	A very easy-to-use program, and one of the few that allows for "live" simulation.
Operating System	PC Linux Mint, servers it depends	I am a supporter of free software, but it is not always possible to avoid using something else.
Cloud	Used to use OneDrive Now i use SyncThing	You can read here why i stopped using cloud in general
Terminal	MobaXterm (nowadays more Gnome Terminal)	I bought a license once, it integrates with WSL1 and 2, but I don't use it anymore.
Password manager	KeepassXC	I've had passwords in it for a long time now, and I like this program.
VPN and Hosting	Selfhost	Read more herej

Configuration of this wiki



The entire system is based on the open source [DokuWiki](#) package. I have many plugins installed, but the ones worth mentioning are: [MathJax](#) and [Draw.io](#). DokuWiki integrates very well with these two packages, which allows me to conveniently format mathematical equations and create diagrams.

If you want to use my mathjax and drawio installations, don't be shy, here are the links:

<https://wiki.ostrowski.net.pl/drawio/>

<https://wiki.ostrowski.net.pl/mathjax/MathJax.js>

[PRead: How to change DokuWiki config so that it uses your own instances of Draw.io and Mathjax](#)

Example use of mathjax:

$$\lim_{K \rightarrow \infty} \frac{a \cdot \cos(\pi \cdot p)}{e^r} = \text{text{[]}}$$$

Przykład zastosowania draw.io:

diagram1.png

Inne wtyczki zainstalowane na tej Wiki:

- [Add New Page plugin](#) 2025-04-22 przez [Damien Regad](#), [Benjamin Santalucia](#), [Sam Wilson](#) and [other contributors](#)
Adds a "new page form" to any wiki page.

- [Blog 2023-10-24](#) przez [Michael Hamann](#), [Michael Klier](#), [Gina Haeussge](#)
Use DokuWiki as blogging tool. (previous authors: Esther Brunner)
- [Bookcreator Plugin 2024-02-07](#) przez [Gerrit Uitslag](#) (previous: [Luigi Micco](#))
Allow to make a book (PDF, ODT, HTML or text) from selected pages
- [Bureaucracy Plugin 2025-03-06](#) przez [Andreas Gohr](#)
Create forms and generate pages or emails from them
- [Button Plugin 2025-03-29](#) przez [Remi Peyronnet](#)
Add button links syntax
- [Changes Plugin 2023-12-14](#) przez [Andreas Gohr](#)
List the most recent changes of the wiki
- [color syntax plugin 2022-10-19](#) przez [Harald Hanche-Olsen](#)
Write colored text in DokuWiki.
- [Calendar Plugin with CalDAV sharing support 2025-07-10](#) przez [Andreas Boehler](#), [Scott Lee Chua](#)
Create one calendar per page and share/subscribe via CalDAV
- [Diagrams plugin 2025-10-15](#) przez [Innovakom + CosmoCode](#)
Embed diagrams.net editor (formerly draw.io)
- [dig plugin 2024-02-26](#) przez [Andreas Gohr](#)
Query DNS for a list of domains
- [Client Side Encryption Plugin 2024-05-01](#) przez [Scott Moser](#), [Maintainer Sherri Wheeler](#)
Client side cryptography enabling encrypting blocks of text within a wiki page.
- [Dw2Pdf plugin 2023-11-25](#) przez [Andreas Gohr](#) and [Luigi Micco](#)
DokuWiki to PDF converter
- [Editor Plugin 2020-12-13](#) przez [Gina Häußge](#), [Michael Klier](#), [Esther Brunner](#)
Displays a list of recently changed wiki pages by a given author
- [Embedded PHP Plugin 2025-07-17](#) przez [fiwswe](#)
Allows embedding PHP code on wiki pages
- [Encrypted Passwords Plugin 2023-12-20](#) przez [Andreas Gohr](#)
This plugin let you store 256 bit AES encrypted passwords in your DokuWiki pages. The password can be decrypted by clicking them (Javascript must be enabled).
- [Gallery Plugin 2024-04-30](#) przez [Andreas Gohr](#)
Creates a gallery of images from a namespace or RSS/ATOM feed
- [htmlok plugin 2023-05-10](#) przez [saggi](#), [glen](#)
Allows embed HTML and PHP
- [iframe plugin 2023-08-17](#) przez [Christopher Smith](#)
Allows external URLs to be loaded into an iframe in your DokuWiki page.
- [include plugin 2023-09-22](#) przez [Michael Hamann](#), [Gina Häussge](#), [Christopher Smith](#), [Michael Klier](#), [Esther Brunner](#)
Functions to include another page in a wiki page
- [Info Plugin 2020-06-04](#) przez [Andreas Gohr](#)
Displays information about various DokuWiki internals
- [MathJax plugin 2021-11-20](#) przez [Mark Liffiton](#)
Enables MathJax (<https://www.mathjax.org/>) parsing of TeX math expressions in wiki pages
- [networkgraph plugin 2025-10-02](#) przez [Feralheart](#)
A plugin to visualize the link network of your wiki
- [nosidebar plugin 2013-07-14](#) przez [Matthias Schulte](#)
Disables DokuWikis internal sidebar for individual pages
- [Note Plugin 2024-04-15](#) przez [Anael Mobilia](#)
Add Note/Important/Tip/Warning Capability (DIV+CSS box)
- [nspages plugin 2024-11-22](#) przez [Guillaume Turri](#)
Presents a toc of the selected namespace using `<nspages>`

- [Pageimage](#) 2018-10-12 przez [lisps](#), [peterfromearth](#)
Functions to return image for given page
- [Pagelist Plugin](#) 2023-08-27 przez [Matthias Schulte](#), [Michael Hamann](#), [Michael Klier](#), [Gina Haeussge](#)
Lists pages in a nice formatted way
- [Rack Elevation Plugin](#) 2025-06-07 przez [Tyler Bletsch](#)
Displays an elevation of a datacenter rack.
- [simplenavi plugin](#) 2025-04-03 przez [Andreas Gohr](#)
Create a simple navigation tree based on namespaces
- [slider plugin](#) 2020-07-08 przez [Andreas Gohr](#)
Add a slider element to any DokuWiki page
- [Table Calculations Plugin](#) 09-02-17 przez [Gryaznov Sergey](#)
Enables Excel style formulas in table syntax
- [Tag Plugin](#) 2023-10-17 przez [Michael Hamann](#), [Gina Häussge](#), [Christopher Smith](#), [Michael Klier](#), [Esther Brunner](#)
tag wiki pages
- [ToDo](#) 2024-05-10 przez [Leo Eibler](#), [Christian Marg](#), [Markus Gschwendt](#), [Robert Weinmeister](#)
Create a checkbox based todo list with optional user assignment (basic syntax: `<todo>This is a ToDo</todo>`). It can also be used as a lightweight task list management system.
- [Translation Plugin](#) 2025-05-20 przez [Andreas Gohr](#)
Supports the easy setup of a multi-language wiki.
- [Video Sharing Site Plugin](#) 2025-02-21 przez [Andreas Gohr](#)
Easily embed videos from various Video Sharing sites. Example: `{{youtube>XXXXXX}}`
- [Wrap Plugin](#) 2023-08-13 przez [Anika Henke](#)
Universal plugin which combines functionalities of many other plugins. Wrap wiki text inside containers (divs or spans) and give them a class (choose from a variety of preset classes), a width and/or a language with its associated text direction.
- [Yearbox Plugin](#) 2021-03-19 przez [Michael Große](#) (formerly: [Symon Bent](#))
Builds a complete HTML calendar for the given year, with a link to create a new page for each day of the year. Existing pages will have a tooltip showing a preview of the page content.

Contact

If you want to contact me or have any questions, please visit the [contact page](#).

This wiki is constantly being developed and updated. Feel free to explore!