

# GitHub - flozz/p0wny-shell: Single-file PHP shell

By flozz

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p0wny@shell:~# is a very basic, single-file, PHP shell. It can be used to quickly execute commands on a server when pentesting a PHP application. Use it with caution: this script represents a security risk for the server.

## Features:

- Command history (using arrow keys `↑` `↓` )
- Auto-completion of command and file names (using `Tab` key)
- Navigate on the remote file-system (using `cd` command)
- Upload a file to the server (using `upload <destination_file_name>` command)
- Download a file from the server (using `download <file_name>` command)

**WARNING:** THIS SCRIPT IS A SECURITY HOLE. **DO NOT** UPLOAD IT ON A SERVER UNLESS YOU KNOW WHAT YOU ARE DOING!

```
p0wny@shell:~/public/p0wny-shell# ls -lah
total 40K
drwxr-xr-x  3 flo flo 4,0K nov.  10 00:05 .
drwxrwxr-x 17 flo flo 4,0K nov.   9 19:56 ..
drwxr-xr-x  8 flo flo 4,0K nov.  10 00:05 .git
-rw-r--r--  1 flo flo  479 nov.   9 21:31 LICENSE
-rw-r--r--  1 flo flo  412 nov.   9 21:45 README.md
-rw-rw-r--  1 flo flo 11K nov.   9 21:30 screenshot.png
-rw-r--r--  1 flo flo 6,7K nov.  10 00:05 shell.php

p0wny@shell:~/public/p0wny-shell# cd ..

p0wny@shell:~/devel/public# echo hello > hello.txt

p0wny@shell:~/devel/public# cat hello.txt
hello

p0wny@shell:~/devel/public#
```

## Demo with Docker:

```
docker build -t p0wny .
docker run -it -p 8080:8080 -d p0wny
# open with your browser http://127.0.0.1:8080/shell.php
```

## Contributing

### Questions

If you have any question, you can:

- [Open an issue](#) on GitHub
- [Ask on Discord](#) (I am not always available to chat, but I try to answer to everyone)

### Bugs

Please [open an issue](#) on GitHub with as much information as possible if you found a bug:

- Your operating system / Linux distribution (and its version)
- The PHP version you are using (example: `PHP-FPM 8.1` , `Apache mod_php 7.4` ,...)




- The Web server you are using and its version (example: `Nginx 1.23` , `Apache 2.4.55` ,...)
- All the logs and message outputted by the software
- etc.

## Pull requests

Please consider [filing a bug](#) before starting to work on a new feature; it will allow us to discuss the best way to do it. It is obviously unnecessary if you just want to fix a typo or small errors in the code.

## Support this project

Want to support this project?

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## Changelog

- **v2023.08.10:**
  - Make `p0wny@shell` compatible with PHP 5.3 (@FrancoisCapon, #38)
- **v2023.05.28:**
  - Encode all data fields as base64 to avoid encoding errors, especially on Windows (@cli-ish, #8, #35)
- **v2023.05.22:**
  - Display the username and the hostname in the prompt (@cli-ish, #33, #7)
- **v2023.05.10:**
  - Try different execution functions ( `exec` , `shell_exec` , `system` , `passthru` , `popen` , `proc_open` ) to run commands to bypass disabled functions (@cli-ish, #31, #32)
- **v2023.02.27:**
  - Make terminal window resizable (@FrancoisCapon, #27)
- **v2023.02.13:**
  - Larger terminal size on large screens (@psyray, #26)
  - No more horizontal scrolling on small screens (@flozz)
- **v2022.09.19:**
  - Expand path in `cd` command ( `cd ~` , `cd ~username` ,...)
  - Go home when running `cd` without argument.
  - → Thanks @FrancoisCapon for the suggestion (#25)
- **v2021.01.24:**
  - Style improvements:
    - Better-looking scrollbar on webkit (@nakamuraos)
    - Display a smaller logo on mobile (@nakamuraos)
  - Ergonomic improvements:
    - Focus the command field when clicking the page (@nakamuraos)

- Put the cursor at the end of the command field while navigating the history (@nakamuraos)
- **v2019.06.07:**
  - Adds the `clear` command to clear the terminal (@izharaazmi #12)
- **v2018.12.15:**
  - File upload and download feature (@Oshawk #5)
- **v2018.06.01:**
  - Auto-completion of command and file names (@lo001 #2)
  - Adaptation to mobile devices (responsive) (@lo001 #2)
  - Improved handling of stderr (@lo001 #2)
- **v2018.05.30:**
  - ES5 compatibility (@lo001 #1)
  - Dependency to JQuery removed (@lo001 #1)
  - Command history using arrow keys (@lo001 #1)
  - Keep the command field focused when pressing the tab key
- **v2017.10.30:**
  - CSS: invalid color fixed
- **v2016.11.10:**
  - Initial release

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Source: <https://github.com/flozz/p0wny-shell>