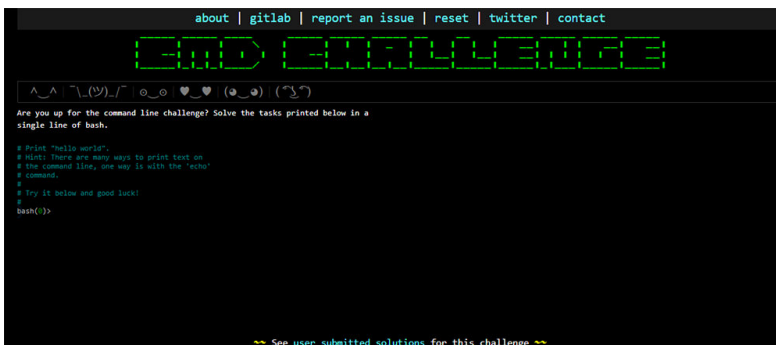


Test Your Command Line Knowledge with the CMD Challenge

By Jake Rocheleau in Toolkit. Updated on January 26, 2018.

We've discussed the importance of [learning the command line](#) and it's more important now than ever before. But, it's also a difficult subject to breach, **with a steep learning curve**. If you aren't sure where to start or how much you need to learn try the [Command Line Challenge](#).

This free website **gives specific tasks** you need to solve using only the command line. It starts with easy challenges and often gives you hints, but **progressively increases in difficulty**.



Read Also: [Basic & Essential Command Lines Every Web Designers Should Grasp](#)

I'd mostly recommend this tool to experienced coders who want to **push their knowledge of the CLI further**. Although it is a great way to compare your skillset against what other developers think you should know.

The entire project was created as a **testing ground for developers** and has since grown into a popular resource for learning & playing with the Unix command line shell.

All the source code was **released for free on [GitLab](#) and [GitHub](#)**, so you can even download this and host a copy yourself. You can learn more about the **project's creation & hosting setup** on the [About page](#) which details the [AWS configuration](#) required to keep it running.

Also, if you look towards the bottom of the homepage you'll find some **specific challenges you can try**. Some were created by users who requested the challenges, so there's a **wide range of difficulty**.

^^ See user submitted solutions for this challenge ^^

Challenges		
hello_world/	delete_files/	remove_extensions_from_files/
current_working_directory/	count_files/	replace_spaces_in_filenames/
list_files/	simple_sort/	dirs_containing_files_with_extension/
print_file_contents/	count_string_in_line/	files_starting_with_a_number/
last_lines/	split_on_a_char/	print_nth_line/
find_string_in_a_file/	print_number_sequence/	reverse_reader/
search_for_files_containing_string/	remove_files_with_extension/	remove_duplicate_lines/
search_for_files_by_extension/	replace_text_in_files/	disp_table/
search_for_string_in_files_recursive/	sum_all_numbers/	find_primes/
extract_ip_addresses/	just_the_files/	corrupted_text/
User Contributed Challenges		
print_common_lines/	nested_dirs/	print_sorted_by_key/
print_line_before/	find_tabs_in_a_file/	IPv4_listening_ports/
print_files_if_different/	remove_files_without_extension/	rot13_decoding/
list_files_sub/	remove_files_with_a_dash/	[add a challenge]

In fact, anyone with a great idea can **suggest a challenge** to be added to the app. Pretty cool!

If you consider yourself a command line expert this is definitely a challenge you should take. It's **surprisingly informative** and if you really push yourself with these challenges you can learn a lot.