

Linux Foundation website

The website I have chosen for this homework is www.linuxfoundation.org which belongs to the Linux Foundation, an open source organization that is home to the Linux kernel and many other vital open source projects.

Why this site?

I chose this site due to how important Linux and everything the foundation supports is. Without Linux a lot of enterprise, government, and personal services would not exist today, hence why it is so important. Linus (the inventor of Linux) is also one of the people I look up to which contributed greatly to my choice of site.

Deployment

If you wish to host this site there are some requirements/steps to do before the site can run:

- Extract the zip file to a php ready server folder (example: apache's public_html folder with it configured to serve php scripts).
- In the "routing.php" file change the \$base_url variable to the name of the subfolder the site was put in (leave an empty string if the index.php file is directly inside the public_html folder, or change it to "linuxfoundation/" if the index file's (and the project's) path is "public_html/linuxfoundation/index.php" for example)
- If you're putting it on a hosted platform you must change the script tag in the header to the appropriate one for your site for the custom search to work.

Tour of the site

Home

<https://boris.subotica.in.rs/phpSchoolStuff/>

This is the main page of the website and features some short information on what the Linux Foundation is about. Using the top bar one can navigate the various pages of the site and see what page they're on. The navigation bar also has a Google™ custom search bar so one can search the entire site.

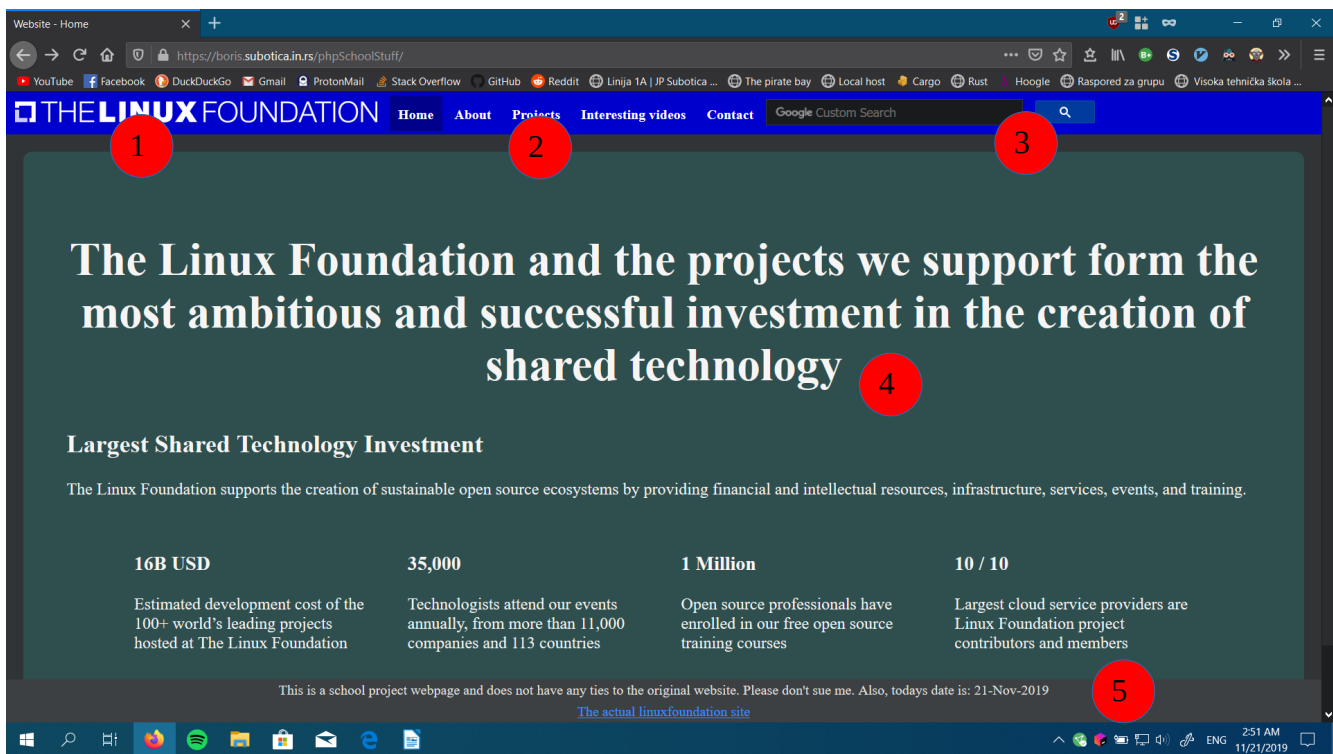


Figure 1: Home page

1. The logo of the Linux Foundation
2. The navigation bar
3. The custom search
4. The content of the page
5. The footer explaining why not to sue me

About and Projects

<https://boris.subotica.in.rs/phpSchoolStuff/?page=about>

<https://boris.subotica.in.rs/phpSchoolStuff/?page=projects>

These pages feature more detailed information on the foundation. The about page holds information on the goals and importance of the foundation itself, while the projects page has information on some projects that are part of the foundation.

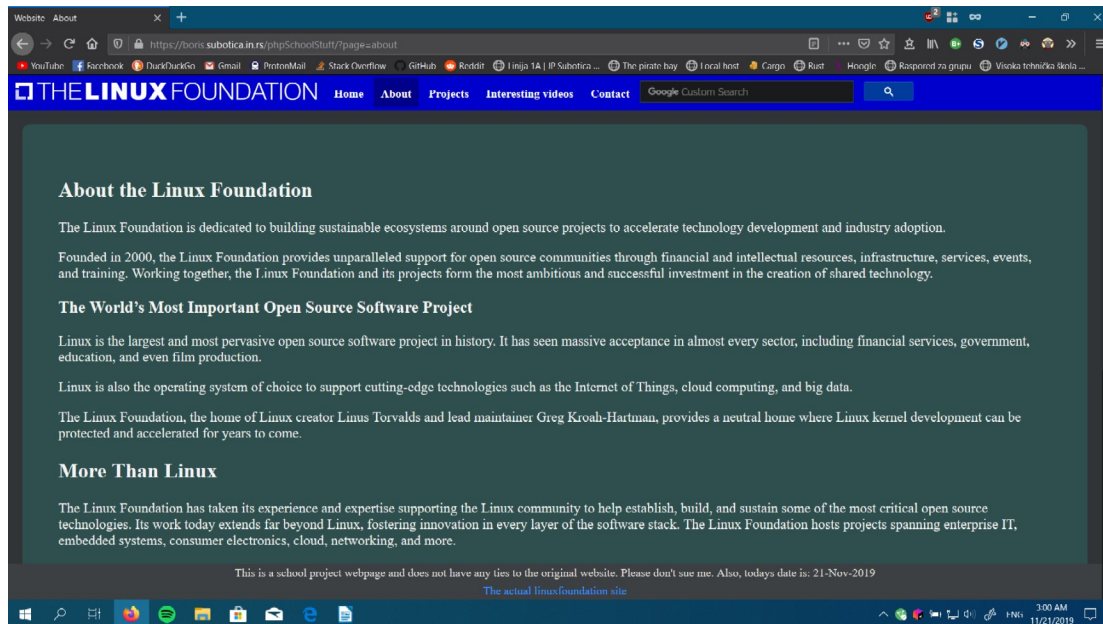


Figure 2: The About page

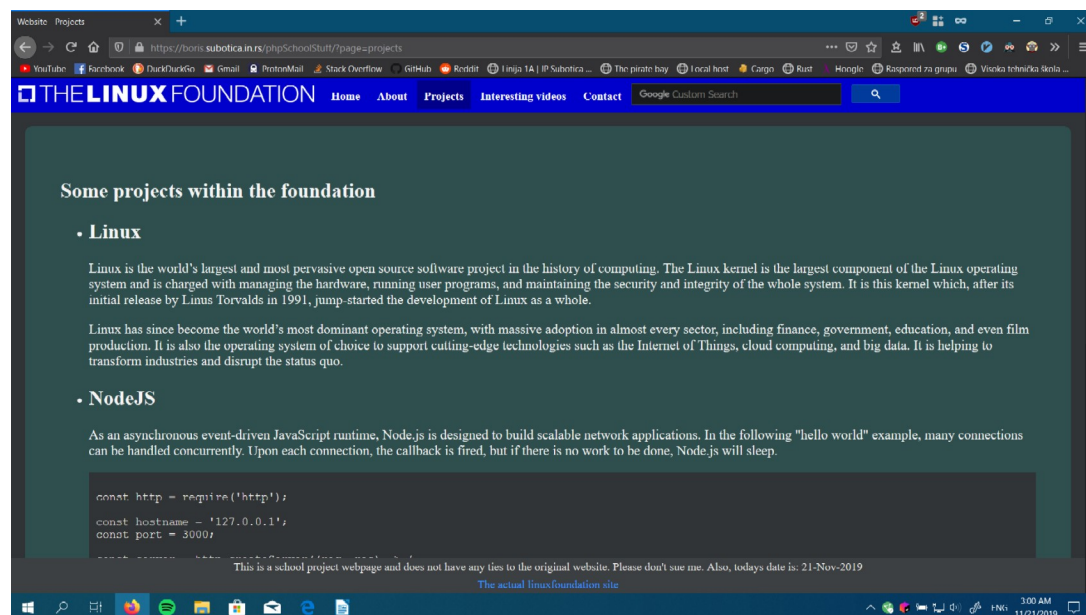


Figure 3: The Projects page

Interesting videos

<https://boris.subotica.in.rs/phpSchoolStuff/?page=videos>

This page contains two interesting videos about Linus Torvalds: the first one is a TED talk, and the second, shorter video, is Linus explaining his first line of code and how his whole programming career began... with a simple BASIC program.

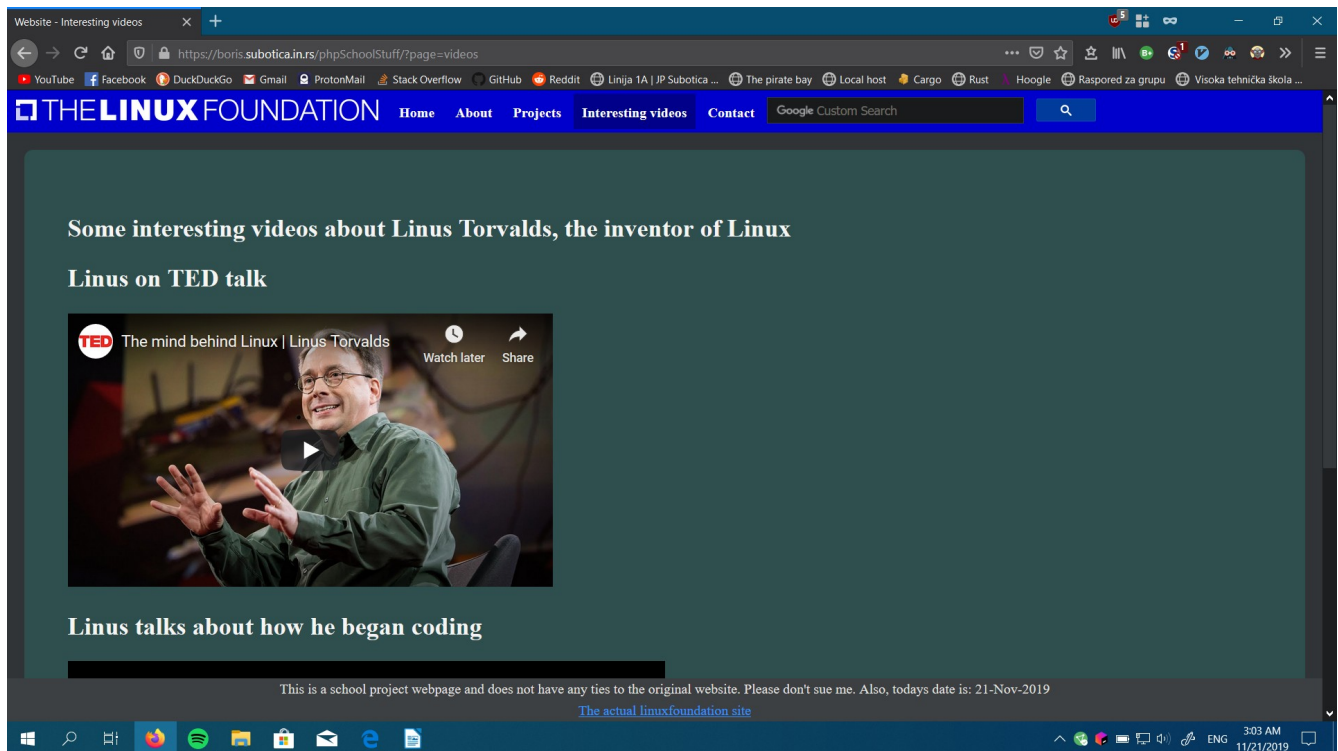


Figure 4: The Interesting Videos page

Contact

<https://boris.subotica.in.rs/phpSchoolStuff/?page=contact>

This page is mostly a demonstration of front-end and back-end validation for an email address. It's a fairly simple validation procedure: check if all fields contain something, and verify that the email looks normal with a regex (for those who care the regex is: `"\w+(\.\w+)?@\w+\.\w+"`). Since the page is just for demonstration it just prints the data.

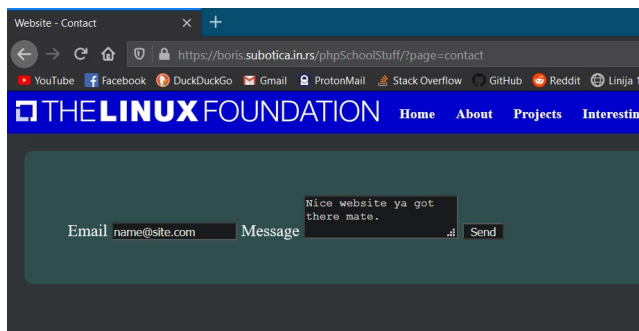


Figure 5: Valid

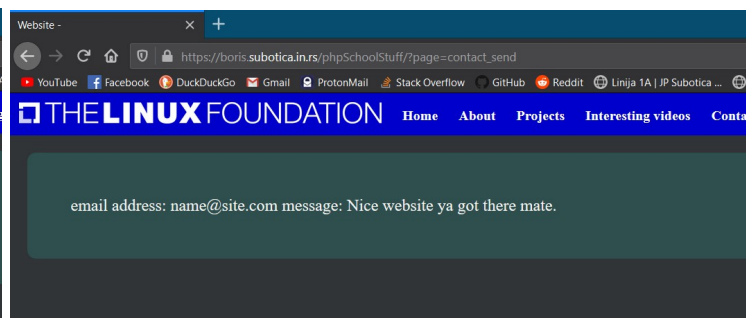


Figure 6: The resulting page

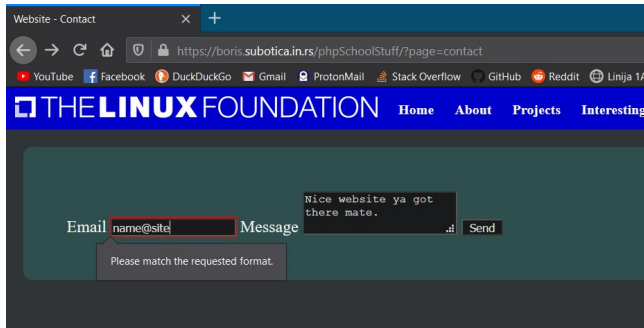


Figure 7: Invalid data

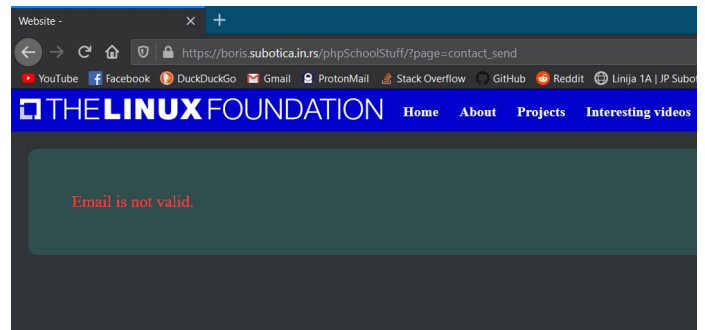


Figure 8: Even if the front-end is broken the backend catches the error

Links

- The hosted website: <https://boris.subotica.in.rs/phpSchoolStuff/>
- Linux Foundation website: <https://www.linuxfoundation.org/>
- The GitHub repository for the code: <https://github.com/MCcomando/phpSchoolStuff>
- Spotify playlist that kept me awake at 3AM:
https://open.spotify.com/playlist/13HOEGC14LWqs0t3YSufWS?si=uFM34_eKRW2kVcNrIVZHIQ