

The Weekly Challenge - Perl and Raku

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Inspiration ...

- ◆ CPAN Pull Request Challenge (2015 – 2018) by Neil Bowers.
- ◆ Pull Request Club (2019) by Kivanc Yazan.

The beginning ...

- ◆ 25th March 2019
- ◆ Started as Perl Weekly Challenge
- ◆ Later it became The Weekly Challenge to accommodate Perl and Raku
- ◆ We started with domain perlweeklychallenge.org but then it changed to theweeklychallenge.org later.
- ◆ We still own the old domain, it just redirects the traffic to the new domain.

Format ...

- ◆ We started with two weekly tasks, one beginner level and other expert level.
- ◆ Later we added optional task where we asked for Perl interface to a given API.
- ◆ Joelle Maslak was the most active contributor to the API task specially and shared lots of interesting code.
- ◆ Also Neil Bowers who created Perl interface to the DetectLanguage API. And later got it listed on the official home page as primary Perl interface to the API

Contributors ...

- ◆ There are two categories, Regular Contributors and Guest Contributors.
- ◆ Regular Contributors are those who shares solutions in Perl and/or Raku only.
- ◆ Guest Contributors are those who shares solutions in all other languages.

Team PWC

- ◆ As of today, 13th July 2023, we have 290 regular contributors and 17 guest contributors.

Champions ...

- ◆ In July 2019, around 3 months after the launch, we started declaring champions weekly and offered prize money 50 US dollars, thanks to the generous sponsor Pete Sergeant of PerlCareers.
- ◆ We continued with weekly champions till Dec 2019. After that we changed it to monthly champions. We are still continuing with the format till date, again thanks to Pete Sergeant.
- ◆ Ideally we would want to go back to weekly champion format if we could find another sponsor.
- ◆ brian d foy has been a big support and even gave FREE books to our members.
- ◆ Please check out all champions so far:
<https://theweeklychallenge.org/champions/>

Perl / Raku Contributions

- ◆ Perl (11483)
- ◆ Raku (6612)
- ◆ Blogs (3732)

Guest Languages ...

- ◆ As of today, 13th July 2023, we have received solutions in 100+ unique guest languages.

TOP 10 Guest Languages

- ◆ Python (1641)
- ◆ Haskell (563)
- ◆ Ruby (538)
- ◆ Lua (483)
- ◆ C (429)
- ◆ Rust (391)
- ◆ C++ (385)
- ◆ BQN (299)
- ◆ Go (258)
- ◆ Java (238)

Star Contributors ...

- ◆ In the Team PWC, we have members with varied level of experience.
- ◆ Unofficially, Damian Conway, participated in the weekly challenge between May 2019 and September 2019. His contributions are compiled here for your reference:
<https://theweeklychallenge.org/blog/damian-corner>

Continued...

- ◆ Similarly, Andrew Shitov, got his Raku contributions listed for all Raku fans:
<https://andrewshitov.com/raku-challenges-index/>
- ◆ We even had Abigail/Neil Bowers/Dave Cross for sometimes in the team. All the weekly contributions can be found here:
<https://theweeklychallenge.org/recaps/>

YouTube Channel

- ◆ I used to take part in the weekly challenge earlier and even created a YouTube channel to demonstrate my contributions. You can checkout here:

<https://www.youtube.com/c/mohammadsajidanwar>

Reviews ...

- ◆ We are lucky to have great reviewers both for Perl and Raku.
- ◆ Andrew Shitov introduced new style of review for Raku using live video.
- ◆ Perl Reviews:
<https://theweeklychallenge.org/p5-reviews>
- ◆ Raku Reviews:
<https://theweeklychallenge.org/p6-reviews>

Infrastructure ...

- ◆ The website is running as GitHub pages and hosted by GitHub.
- ◆ The code base is Hugo using FREE theme.

Future Plan ...

- ◆ To host the website on a proper platform like Digital Ocean.
- ◆ Build the website using pure Perl and web framework like Dancer2.
- ◆ Allow easy search the code base on website.
- ◆ Have proper database to hold user data securely.
- ◆ Look for more sponsors to make the challenge more fun and attractive.

Source

- ◆ Website:
<https://github.com/manwar/theweeklychallenge>
- ◆ Contributions:
<https://github.com/manwar/perlweeklychallenge-club>

Any Questions?