

Software Web Developer

Task

Your task is to create a very simple web based wiki using a dynamic programming language of your choice (e.g. python, ruby, javascript). The end result should fulfill the following criteria:

- The user should be able to create new pages which should be accessible through their own URL.
- The user should be able to delete pages.
- Each page should have a title and a body, no support for text formatting is required.
- There should be a page which lists all pages available on the wiki.
- The wiki should be accessible from multiple computers at the same time.

Things your web based wiki should **not** do:

- Don't implement users or account creation.

If there is anything that's not completely specified, please implement it according to best practices and sound judgement.

Post-task discussion

After the task has been completed we will evaluate it based on the following criteria:

- Ability to fulfill the specification
- Quality of code
- Design choices made

Please be prepared to talk about these things.

Task Extension for Senior Developers

Your second task is to devise a tracking mechanism to identify which paths are being taken when browsing through the wiki.

The aim is to generate a visualisation based on which indicates the most popular pages and visitors' paths through the wiki.

The end result should fulfill the following criteria:

- Reliable tracking of pages viewed by visitors as they browse through the wiki
- The wiki should have a page which generates the visualisation based on tracking data

Remember:

- The system does not require identifying among different users, no users accounts are required.

Post-task discussion

After the task has been completed we will evaluate it based on the following criteria:

- Ability to fulfill the specification
- Quality of code
- Design choices made
- Performance considerations and improvements if the wiki had to be become very popular.

Please be prepared to talk about these things.