



Web scraping assignment

This test assignment is designed to give you the opportunity to showcase your backend development skills through a practical project. After submission, the development team will review your work, and we'll schedule a discussion to talk about your solution.

Scope and functionality

To develop a Python script that scrapes Digitaliser.dk and retrieves the current operational status of the nine services listed at <https://digitaliser.dk/driftsstatus> when running the script.

Imagine that you need to develop this functionality for use in an existing system, and the information you scrape must therefore be returned in a manageable format, like JSON.

Assess which data is relevant to scrape, by inspecting the html on the page. As a minimum you should extract service name and operational status.

Get data from the provided website and extract the data. Then put the data into a structures format.

Purpose of the assignment

This assignment allows flexibility to emphasize your strengths. If you excel at creating efficient scrapers with clean data extraction, focus your energy there. If your strength is in handling complex parsing scenarios and data transformation, that's fine too!

We value these qualities in our backend development:

- Performance - The scraper should be efficient and resource-conscious
- Data integrity - Extract clean, well-structured data that maintains relationships
- Code quality - Write clean, maintainable, and well-structured code
- Error handling - Consider how to handle different errors

Submission result

When you're finished, please share upload your code to a repository and share it with jde@p-secure.com. Include setup instructions and any notes about your implementation in the README.

We're looking forward to seeing your creative solution and discussing it with you!