

# The task - A simple dependency parser

The task consists of creating a (very) simple dependency parser. A user should be able to scan an unknown amount of dependency files at once, with possible errors dealt with gracefully. The scan should be done using a Console (CLI) tool.

When the scan is done, a user should be able to see a table over found dependencies in the scanned files, with rows containing vendor, product and version.

## Requirements

- Support two different dependency file formats, one in its unlocked form (package.json for JavaScript dependencies), and one in its locked form (gemfile.lock for Ruby dependencies). Two example files will be provided that should be used. It is a bonus if the parsers can deal with transitive dependencies and other formats than the files provided.
- Use latest Symfony version as base. Feel free to utilise whatever libraries/bundles you want to complete the task.

## Estimated time

You should spend roughly 8 hours

## Runtime environment requirements

PHP is an extensible language, for that reason feel free to use any PHP-extensions.

## You will be judged on

- Code quality (not quantity)
- Test coverage and quality
- Documentation quality (PHPDocs are fine, no need to generate any documentation)

To a lesser degree we will also look at

- Any possible Git use

## Submission

Send either a link to a public repository containing your submission (code, at least two dependency files) or zip it and send it to [gustav.svensson@debricked.com](mailto:gustav.svensson@debricked.com). The submission should contain a short readme on how to run the application.

## Questions?

Feel free to contact me at any time at [gustav.svensson@debricked.com](mailto:gustav.svensson@debricked.com). I will answer general questions and may give some hints if you get stuck. At Debricked we always try to help each other out if we get stuck.