

# Jadu Engineering Interview Task

## The purpose

This task is designed to allow you to produce code that we use within an interview to discuss aspects of software design and development. When reviewing the results we will be looking at the following aspects:

- Code Quality.
- Design and maintainability.
- Robustness.
- Security.

## The brief

We would like you to write a small application using PHP that can perform the following operations:

- Allow users to maintain a list of RSS feeds - add, remove, list. (the list must be persisted when the user is not running the application - eg in a database or other persistent storage).
- Allow users to view the contents of an RSS feed (parse the contents and present it to the user).

You may feel free to add any creative flair or additional features that you see fit, however we will be looking at the quality of your overall application, and not the number of features that you choose to implement.

Some RSS feeds that you may wish to use for testing purposes are:

- <http://www.php.net/news.rss>
- <http://slashdot.org/rss/slashdot.rss>
- [http://newsrss.bbc.co.uk/rss/newsonline\\_uk\\_edition/front\\_page/rss.xml](http://newsrss.bbc.co.uk/rss/newsonline_uk_edition/front_page/rss.xml)

Note: please do not use an open source web framework (e.g. Symfony) for your submission.

## Deliverables

At a minimum, please provide the following upon submission:

- All files required by your application in order to work.
- instructions.txt - provides any instructions that we might need in order to install your application, including any specific requirements, database scripts.
- time.txt - tell us how your time broke down through the tasks undertaken.
- Any other supporting documents.

We are particularly interested in the approach you take in writing your application, including the planning, code design decisions and development, testing and documentation. We'll also discuss how we would deploy this application and release upgraded versions.