

## Technical Exercise

Please read this document carefully before beginning.

For the following task you may use any language of your choice, and may access any online documentation you wish. Not all languages will be equally suited to the task however, so choose carefully!

You are encouraged to make use of any libraries (such as Ruby Gems or CPAN modules for Perl) that you feel you need, for example to parse HTML documents or format output.

We're particularly looking for:

- good quality code: readable, maintainable and structured,
- code that runs, and does something useful.

We have deliberately asked you to complete this task in a very short period of time, and therefore do not necessarily expect a complete solution. But keep in mind the above two points.

If your solution consists of more than one file, please submit it as a single archive (for instance: .zip, .tar.gz, .tar.bz2).

## Task

The WeGotTickets UK homepage is at <http://www.wegottickets.co.uk/>. Write software that scrapes concert information from the pages on this site and outputs the data in a machine readable format of your choice (e.g. JSON, XML, CSV etc.).

To get you started, here is the first page of the 'browse all listings' section of the site:

<http://www.wegottickets.com/searchresults/page/1/all>

Each event also has its own page, which is linked to from the event titles in the above. Your script should attempt to identify:

- the artists playing,
- the date,
- the city,
- the price.
- the name of the venue,

You may choose to include additional information which you think might be of interest. We are aware that it is next to impossible to get perfect data for these fields!

We are only interested in musical events, but don't worry if your script outputs data for other kinds of events (comedy etc.) If they appear in your script's output you can assume that they will be safely ignored.

## Before you begin

Remember, fiddling around to get perfect data is much less important than making sure you are pleased with your code quality and having something that works end-to-end at least minimally.

*Good luck, and have fun!*