**PHP Developer – Technical Task**

**Setup:**

1. Install SQL file included (planets.sql) into MySQL database
2. Create main script index.php in project root.

**Application:**

On request to your script (index.php), output the contents of the database (including data from all tables) in one of several formats.

The data should be output in a meaningfully structured response that properly represents the data.

Assume this is a stand-alone API and that this data is being requested by a 3rd party external system for whatever purposes they see fit.

Your output format will depend on the 'lang' parameter of the request:

* lang=json - JSON
* lang=xml - XML
* lang=csv - CSV (for reading by humans)

E.g. A request to the URL **index.php?lang=json** should receive the output in JSON format

Lastly, cache the results in text files that expire after 30 seconds.

Notes:

*The task is deliberately open-ended - e.g. how you structure the data in each format is up to what you think would be best.*

*Organise your code through use of includes/class files as you see fit; you are not required to have all your code in the one script.*

*This should be all your own work and should not include 3rd party code.*

*While only a tiny project, encapsulated code using good design principles is important, as if the project may be expanded on somehow in future (e.g. filtering, ordering, more output types).*