



EnergyAustralia

Coding Test

Thank you for your interest in joining the Engineering team at EnergyAustralia. To better assess your strengths and knowledge, please kindly complete the following coding test *to the best of your ability, using whichever language, tools, libraries and methods you want as long as it accomplishes a solution.*

We are rating you based on your understanding of the problem and how you go about solving it; we want you to show us how you would tackle this problem if you were already working together as a team at EnergyAustralia to release an enterprise product.

The Problem

Your team is tasked with listing out music festival data in a particular manner: at the top level, it should show the band record label, below that it should list out all bands under their management, and below that it should display which festivals they've attended, if any. All entries should be sorted alphabetically.

For example:

```
Record Label 1
  Band X
    Omega Festival
  Band Y
Record Label 2
  Band A
    Alpha Festival
    Beta Festival
```

The data is provided to you via an API by another team; they assure you all the data is available but it's in a different format and provide you with the Swagger documentation (/api-docs) needed to get started.

Use this API as is to output the format specified above in any medium you desire; let it be a website, terminal, file or morse code if that's what you want to do – we just want to see the result somehow.

Once you have completed the test, please email your recruitment contact a link to the Github public repository or if it's a private repository, please add Github user `energyaustralia-coding-test` (<https://github.com/energyaustralia-coding-test>) as a collaborator. And again, thank you for your interest in EnergyAustralia and hope to meet you soon for an interview.