

Front end code challenge

Challenge

Views

In this challenge you will create a web page that will help a user find a beer that they want.

We want two different views, one for searching and one showing of one beer at the time, when selecting one of the beers in the search/list of beers.

The page should show the following information about the beer:

- Name
- Brewer
- Brewer name
- Style
- IBU
- EBC
- ABV

All information should be easy to read and values should be showed as both values and some kind of graphical visualisation.

Search

It should be possible to search for a beer either by name or by filtering on the values.

Information

Getting data

There is a python web server supplied with this package that supplies the json that should be used for this challenge.

Style

The style of the beer, such as lager, ale, stout etc.

IBU

The bitterness of the beer.

EBC

The colour of the beer, the higher of a number the darker the beer. Sometimes SRM Is used instead.

[EBC → SRM](#) $SRM = EBC \times 0.508$

[SRM → EBC](#) $EBC = SRM \times 1.97$

ABV

Alcohol by volume, the amount of alcohol in the beer.

Evaluation

To evaluate this task we will use several criteria as quality code, readability, build system, using well known frameworks, unit testing practices, QA, elegant solution, layered design, responsive design, frontend knowledge, etc.

We will also look at how your code would handle a much larger amount of data

Please submit your source code, configuration instructions, build details and any comments on your approach.

Please ensure your source builds and can be easily run. You can get the source to us in any way you want but be considerate about making this easy for the reviewer, Dropbox, Github, BitBucket, even email are all acceptable.