

The cocktail test

Using TheCocktailDB API (<https://www.thecocktaildb.com/api.php> - use the free version), create an API that takes one or more ingredients and returns the possible cocktails with missing ingredients and the full recipe and ingredients list.

Example:

curl <http://IP:PORT/cocktail?ingredients=tequila,triple sec>

could return an answer similar to:

```
[
  {
    "cocktail": "Margarita",
    "missingIngredients": [
      "Lime juice",
      "Salt"
    ],
    "instructions": "Rub the rim of the glass with the lime slice to make the salt stick to it. Take care to moisten only the outer rim and sprinkle the salt on it. The salt should present to the lips of the imbiber and never mix into the cocktail. Shake the other ingredients with ice, then carefully pour into the glass.",
    "ingredients": [
      {
        "name": "Tequila",
        "measure": "1 1/2 oz"
      },
      {
        "name": "Triple sec",
        "measure": "1/2 oz"
      },
      {
        "name": "Lime juice",
        "measure": "1 oz"
      },
      {
        "name": "Salt",
        "measure": null
      }
    ]
  },
  ...
]
```