



Using GitHub public API, Repositories Search

<https://developer.github.com/v3/search/#search-repositories>

endpoint:

<https://api.github.com/search/repositories>

Implement in C# a working solution that

- Search for repositories matching the query string “met”
- Returns *\*all\** the repositories matching the criteria
- For each repository, only Name and Description needs to be populated in the result

## CONTEXT

- No more than N concurrent requests can be made to the GitHub api
- per\_page parameter of API is a given constant (e.g. 100)
- Assume GitHub API responses take the same time, independent of the api parameters
- Assume it's not considered a bad practice to query the GitHub API even if an empty result might be returned
- Code-readability is more important than over-optimisation
- Project type can be a console application or a ASP.NET MVC/WebAPI

## GOAL

- The solution should be optimised for the overall time spent on network I/O (CPU-bound optimization is not relevant)
- Consider the solution a releasable functionality
- Should satisfy what you consider being best coding practices, with TDD in mind
- Provide rationale behind coding decision, if relevant