



Coding Interview: Developers

Thank you for your interest in Blink Reaction! In order for us to get a sense of what you can do as a coder, we have assembled a sample we would like you to review and modify using whatever techniques you've learned from your experience.

This exercise should take you no longer than 1-2 hours to complete.

Requirements:

We are building a simple search module for Drupal 7 that meets the following criteria:

- A direct url, such as <http://domain.com/mysearch/example> will search all nodes in a database for occurrences of the word "example". Any word should be searchable using this URL structure.
- The results will be printed to a page in an unordered list with the title of the node and a link to the node's Drupal page.
- The page should have a title explaining to the user where they have landed.

The MySearch Module:

We have prepared a starting code sample to get you going with the 3 necessary functions to accomplish your task. However, this code sample has many problems in its implementation! Some are obvious and some are not! Your mission, should you choose to accept it, is to rewrite this module and eliminate those problems as well as add your own style to the end-result.

Deliverables:

You will deliver to us the following items:

- Any code files you have created. You can deliver these by email or, if you prefer, you can use a public repository on a service like GitHub or Bitbucket. (Recommended)
- A plain text document explaining what you changed, added, or removed and why.

Things to Remember:

- Look closely at everything. There are problems everywhere in this module. Nothing is too trivial for you to address.
- Treat this assignment as you would treat an actual module being built for a client of yours. That means you should think about things like reuse, performance, and documentation in the code if necessary.
- Have fun! This is your chance to show off what you can do!