

## **Ruby on Rails Developer test**

To understand your coding ability and style, we have devised a simple practical coding test. We use this as a discussion topic during interviews and may use it as a sample of your knowledge when presenting to OnApp management.

**Objective:** Make data provided with this task searchable

### **Minimum requirements:**

- search logic should be implemented in pure ruby (without frameworks)
- search match precision (full words matching)
- search for `Lisp Common` should match a programming language named "Common Lisp"
- support for exact matches, e.g. `Interpreted "Thomas Eugene"`, which should match "BASIC", but not "Haskell"
- match in different fields, e.g. `Scripting Microsoft` should return all scripting languages designed by "Microsoft"
- solution elegance
- writing code with reusability and extensibility in mind.

### **Will be a plus:**

- support for negative searches, e.g. john --array, which should match "BASIC", "Haskell", "Lisp" and "S--Lang", but not "Chapel", "Fortran" or "S".

### **Keep in mind:**

- Comments are VERY useful, they help us understand your thought process.
- This exercise is not meant to take more than a few hours.
- A readme file is encouraged.