


SUNY_Binghamton: CS445 Software Engineering (U)

- ▶ Getting Started Overview
- ▶ W0M: Overview and Introduction to Software Engineering (Week 0, Monday Aug. 31)
- ▶ W0W: Beautifully Engineered Software, Plan & Document vs Agile (Week 0, Wednesday Sept. 2)
- ▶ W1W: Introduction to Ruby (Week 1, Wednesday Sept. 9)
- ▶ W2W: More Ruby and Intro to BDD & TDD (Week 2, Wednesday Sept. 16)
- ▶ W3M: SaaS Architecture and REST

CONSTRUCTING THE URI (100/100 points)

We know what the URI has to look like, but the URI rules (warning: they are [boring to read](#)) stipulate that special characters in URIs such as # or spaces must be 'escaped'. Happily, Ruby's standard library provides `CGI.escape(string)` to help us do this.

- Fill in the method `make_uri_from_arguments` that uses the `@from`, `@to`, and `@api_key` attributes of an `OracleOfBacon` instance and assigns a properly-escaped URI to the `@uri` attribute. The specs verify that the URI contains no illegal characters and that it contains all the components in the arguments.

At the end of this part, the specs under

`describe 'constructing URI'` should pass green.

Again, please submit the `lib/oracle_of_bacon.rb` file for grading below:

No file chosen

```
On Time
constructing URI
  should match(URI::regexp) [20 points]
  should match /p=fake_key/ [20 points]
  should match /b=George\Clooney/ [20 points]
  should match /a=3%252\+%22a/ [20 points]

Finished in 0.00283 seconds
4 examples, 0 failures
```

SUBMIT URL TO PAIRING VIDEO (10/10 points)

Please submit the URL to an [unlisted](#) youtube video recording of your pairing session on this assignment below.

just writing things

