

Clojure Schemata and Generators

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Add Stuff to Your project.clj

Prismatic Schema

Schemata are sort of like types, but only as strict as you want them to be at that specific moment, so no type hell.

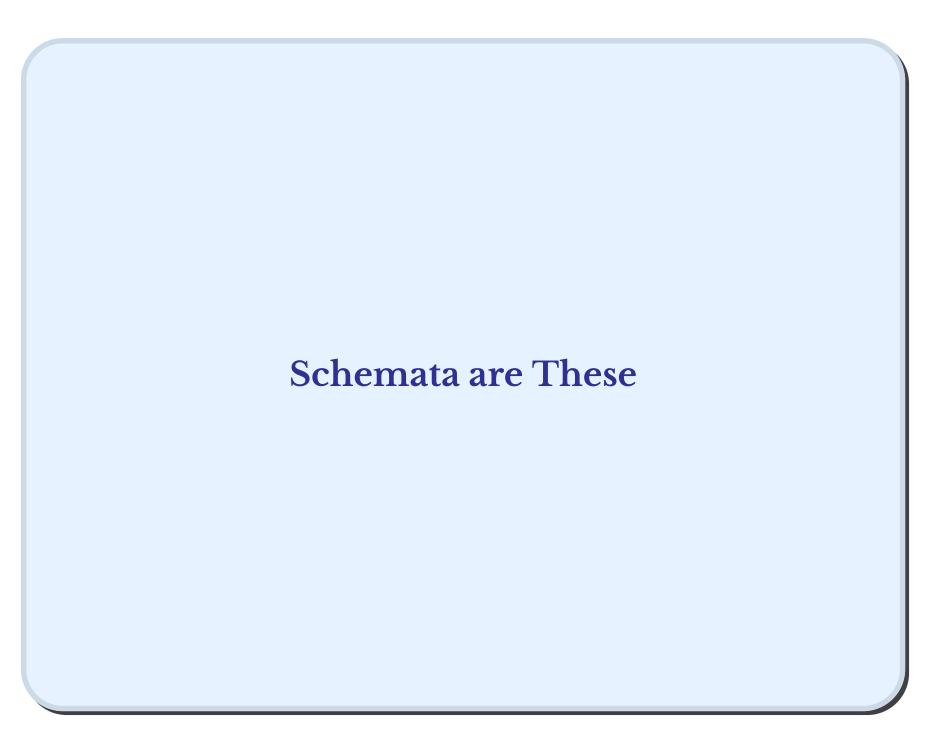
```
1 (ns schema-stuff
2  (:require [schema.core :as s]))
3
4 (s/validate s/Num 42)
5 (s/validate s/Str "howza")
6 (s/validate s/Keyword :hey)
```

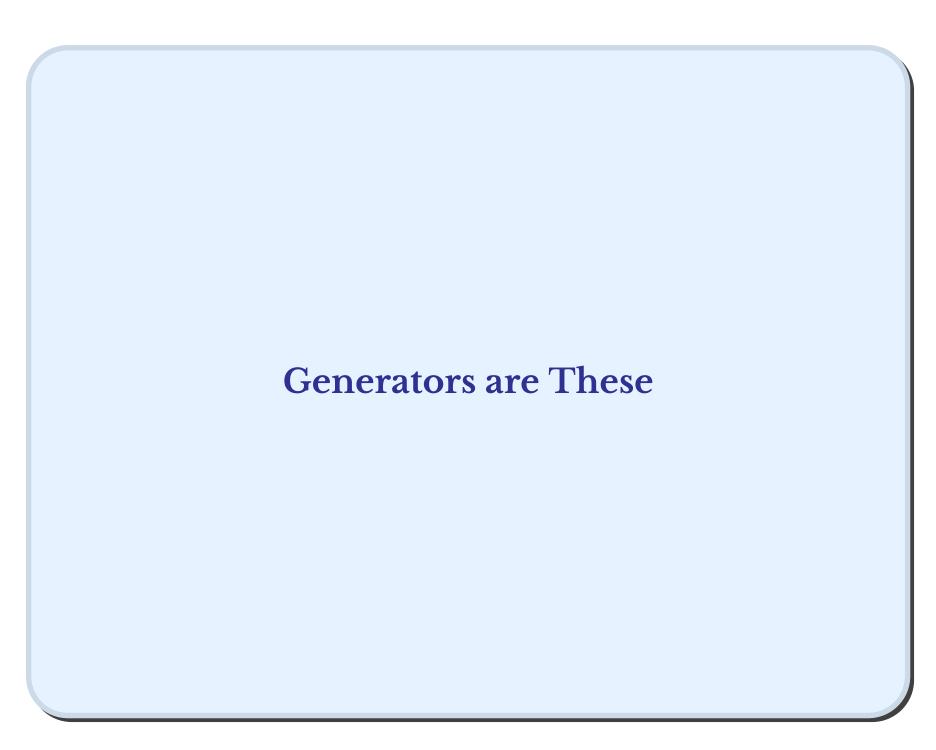
Clojure test.check and Generators

Generators make random examples according to a definition. It's a great way to make test data without brittle handrolled examples.

Schemata + Generators = Awesome!

- Schemata to validate function input
 - Definitely in tests.
 - Maybe even in production.
- Generators to fuzz the function in tests.
- Feed the generators into the schemata.
 - Check the generator against the schema.
 - Check the schema with the generator.





Questions?