Why Write Tests? Why is that Hard?

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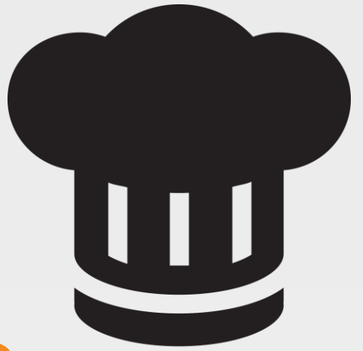
EXERCISE



Why Write Tests? Why is that Hard?

Should I write a test? Perhaps the answer to that question lies in: why write tests?

Objective:

- ❑ Discussion about Writing Tests
- ❑ Discussion about Why Writing Tests is Hard

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CONCEPT

Current Cookbook Development Workflow

1. Write some cookbook code
2. Perform ad-hoc verification
3. Upload the cookbook to the Chef Server

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CONCEPT

Current Cookbook Development Workflow

1. Chef-client run retrieves the updated cookbook
2. Perform ad-hoc verification
3. Promote the cookbook to the next environment

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CONCEPT

Current Cookbook Development Workflow

1. Chef-client run retrieves the updated cookbook
2. Perform ad-hoc verification
3. Establish monitoring for deployed services

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PROBLEM

Risk

Every change to our cookbooks introduce risk. Validating every change would take too long in this system. To alleviate that we often batch these changes up. Batching up the changes make it harder to discover when we introduced an error.

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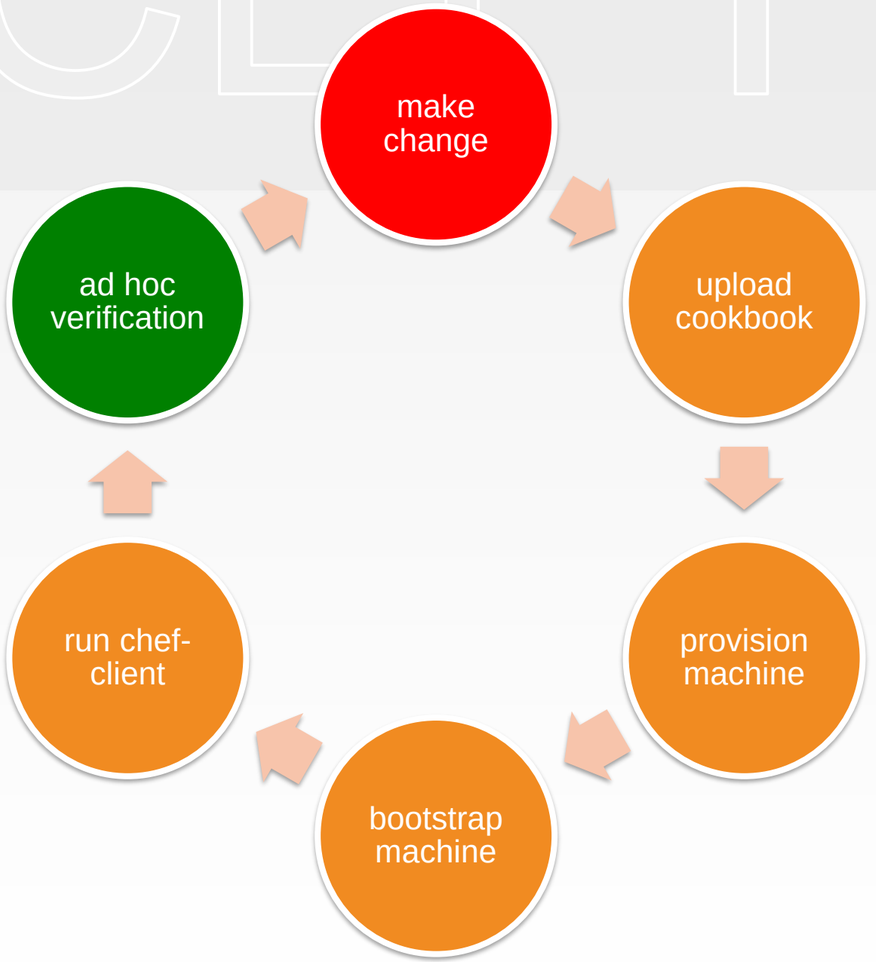
CONCEPT



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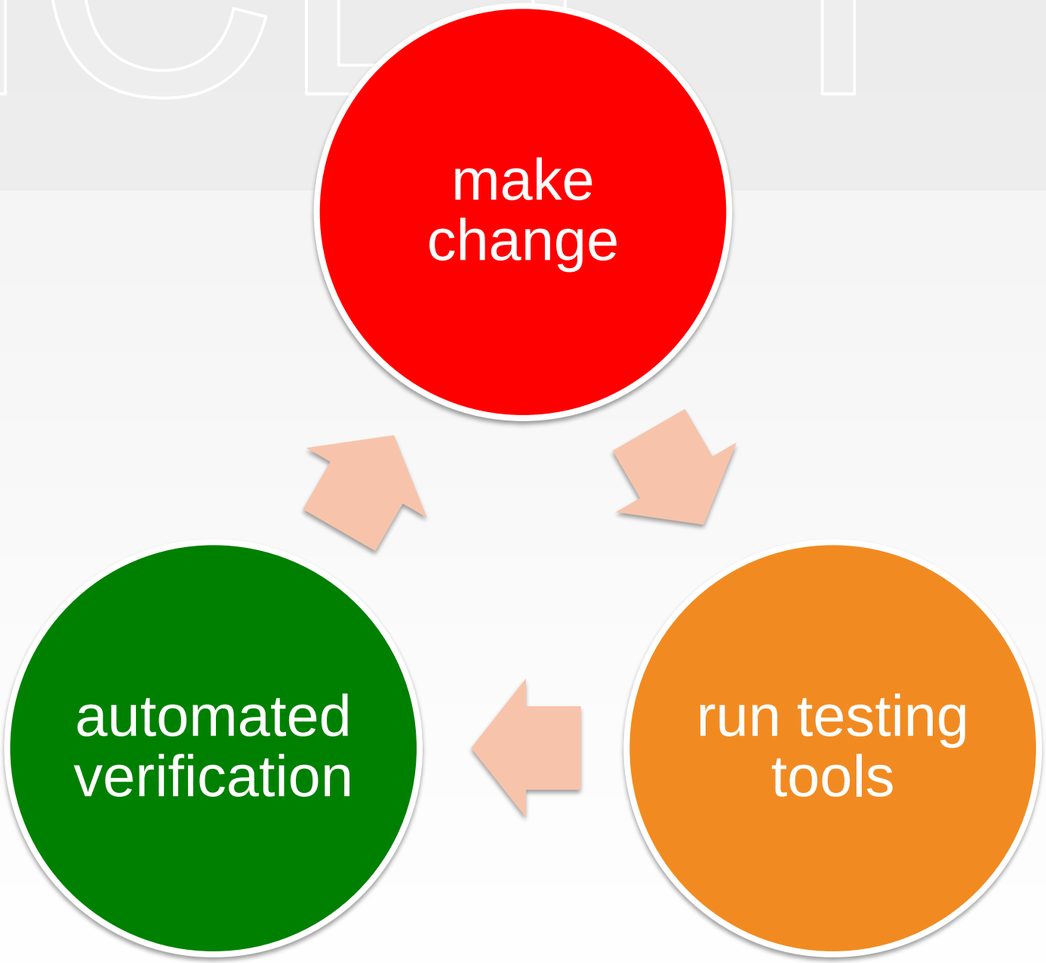
CONCEPT



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Discussion

What are reasons you see for writing tests?

What are reasons you see for not writing tests?

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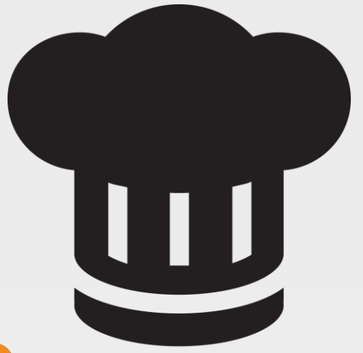
EXERCISE



Why Write Tests? Why is that Hard?

To test or not to tests. It's no longer the question. Now I need to think: what makes writing tests challenging?

Objective:

- ✓ Discussion about Writing Tests
- ❑ Discussion about Why Writing Tests is Hard

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CONCEPT

Another Language

Learning to write tests require you to learn a whole new language that you must understand grammatically.

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CONCEPT

Another Workflow

Executing tests requires learning new tools, commands, flags and configurations with entirely new mechanisms that provide you feedback.

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DISCUSSION

Discussion

What are reasons you see that make testing hard?

What are some of the the ways in which you have made it less hard?

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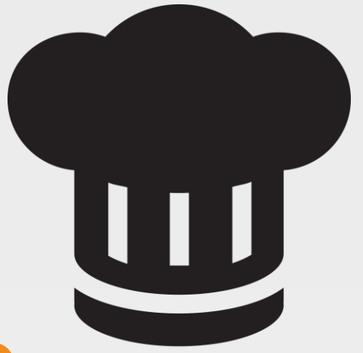
EXERCISE



Why Write Tests? Why is that Hard?

I may or may not be convinced. The important thing is I understand what others around me think ... now I have more information to make up my mind.

Objective:

- ✓ Discussion about Writing Tests
- ✓ Discussion about Why Writing Tests is Hard

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DISCUSSION

Q&A

What questions can we answer for you?

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