

YOU'RE TESTING WHAT?

[HTTPS://GOJKO.NET/S/202102-GOTO.PDF](https://gojko.net/s/202102-goto.pdf)





- » prefer fast isolated tests
- » focus scope to risk in code units
- » reduce reliance on slow, fiddly, integrated
- » don't automate non-deterministic

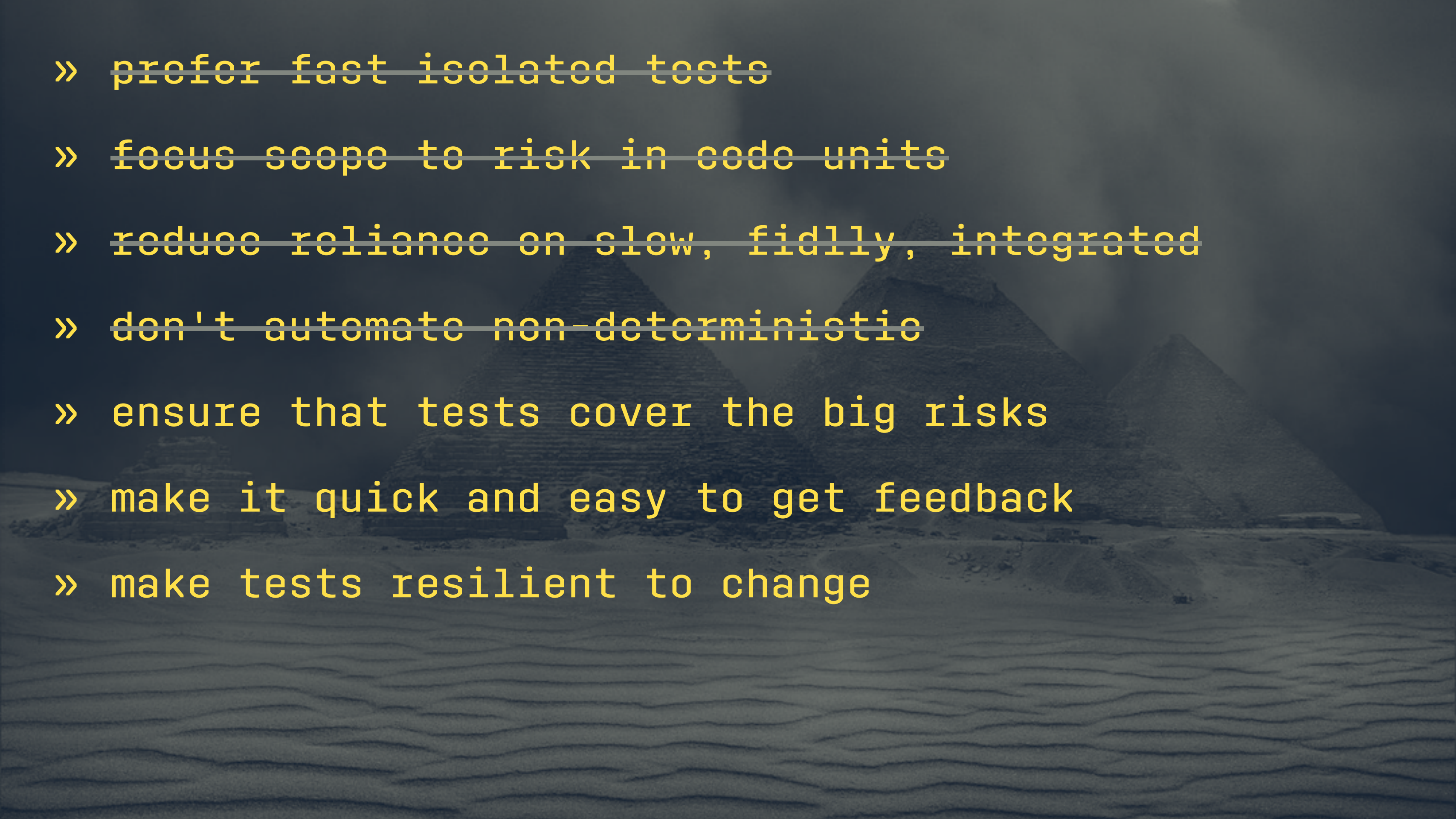






- » (a lot of) risk is in the moving parts
- » so is the performance



- 
- » ~~prefer fast isolated tests~~
 - » ~~focus scope to risk in code units~~
 - » ~~reduce reliance on slow, fiddly, integrated~~
 - » ~~don't automate non-deterministic~~
 - » ensure that tests cover the big risks
 - » make it quick and easy to get feedback
 - » make tests resilient to change



RULE #1: TEST WHERE YOUR RISK IS!

ConvertFileFunction:

Type: AWS::Serverless::Function

Properties:

DeploymentPreference:

Type: Linear10PercentEvery10Minutes

CodeDeploy - AWS Developer

https://console.aws.amazon.com/codesuite/codedeploy/deployments/d-3FHHVVD9Y?region=us-east-1

aws

Services

Resource Groups

Gojko Adzic

N. Virginia

Support

Developer Tools

CodeDeploy

Source • CodeCommit

Build • CodeBuild

Deploy • CodeDeploy

Getting started

Deployments

Deployment

Applications

Deployment configurations

On-premises instances

Pipeline • CodePipeline

Feedback

Return to the old experience

Deployment status

Step 1

Pre-deployment validation

Completed

Succeeded

Step 2

Traffic shifting

10% complete

In progress

Step 3

Post-deployment validation

Not started

Traffic shifting progress

The deployment will shift 10% of traffic from the current version to the replacement version every 1 minute(s) until all of the traffic is routed to the new version.

Original

Replacement

90%

10%

Deployment results Info

90% of traffic

10% of traffic

Deployment details

Application

sam-test-1-ServerlessDeploymentApplication-U2CRA0HQVM7K

Feedback

English (US)

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Terms of Use

ConvertFileFunction:

Type: AWS::Serverless::Function

Properties:

DeploymentPreference:

Type: Linear10PercentEvery10Minutes

Alarms:

- !Ref CheckForLambdaErrors

ConvertFileFunction:

Type: AWS::Serverless::Function

Properties:

DeploymentPreference:

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Alarms:

- !Ref CheckForLambdaErrors
- !Ref CheckForDropInSales
- !Ref CheckForDropInConversion



RULE #2: AUTOMATE TO ASSIST PEOPLE!

(not necessarily to replace them)



IF YOU CAN'T AUTOMATE THE WHOLE THING, DO THE DETERMINISTIC PARTS

- » set-up tasks
- » clean-up tasks
- » waiting
- » alerting



**DON'T SACRIFICE
PERSPECTIVE FOR EASY
AUTOMATION**




```

it('should include connector labels', function () {
  expect(underTest(theme, {
    id: 1, title: 'center node',
    ideas: {
      1: {
        id: 2,
        title: 'child node 1',
        attr: { parentConnector: { color: '#888888', label: 'child connector label' } }
      }
    }
  }, textEngine, options)).toEqual(
    '<svg xmlns="http://www.w3.org/2000/svg" xmlns:xlink="http://www.w3.org/1999/xlink" ' +
    'width="270" height="40">' +
    '<g transform="translate(60,20)" style="fill:none;">' +
    '<g transform="translate(-60,-20)"><path d="M60,20L150,20" stroke="#888888" stroke-width="1"/></g>' +
    '<g transform="translate(-81,-18)"><LABEL title="child connector label" color="#4F4F4F"/></g>' +
    '<g transform="translate(-60 -20)">' +
    '<rect x="0" y="0" width="120" height="40" rx="10" ry="10" style="fill:#E0E0E0;stroke:#707070;"/>' +
    '<NODE title="center node"/>' +
    '</g>' +
    '<g transform="translate(80 -20)">' +
    '<rect x="0" y="0" width="130" height="40" rx="10" ry="10" style="fill:#E0E0E0;stroke:#707070;"/>' +
    '<NODE title="child node 1"/>' +
    '</g>' +
    '</g>' +
    '</svg>');
});

```


Concept mapping

helps with

visual thinking

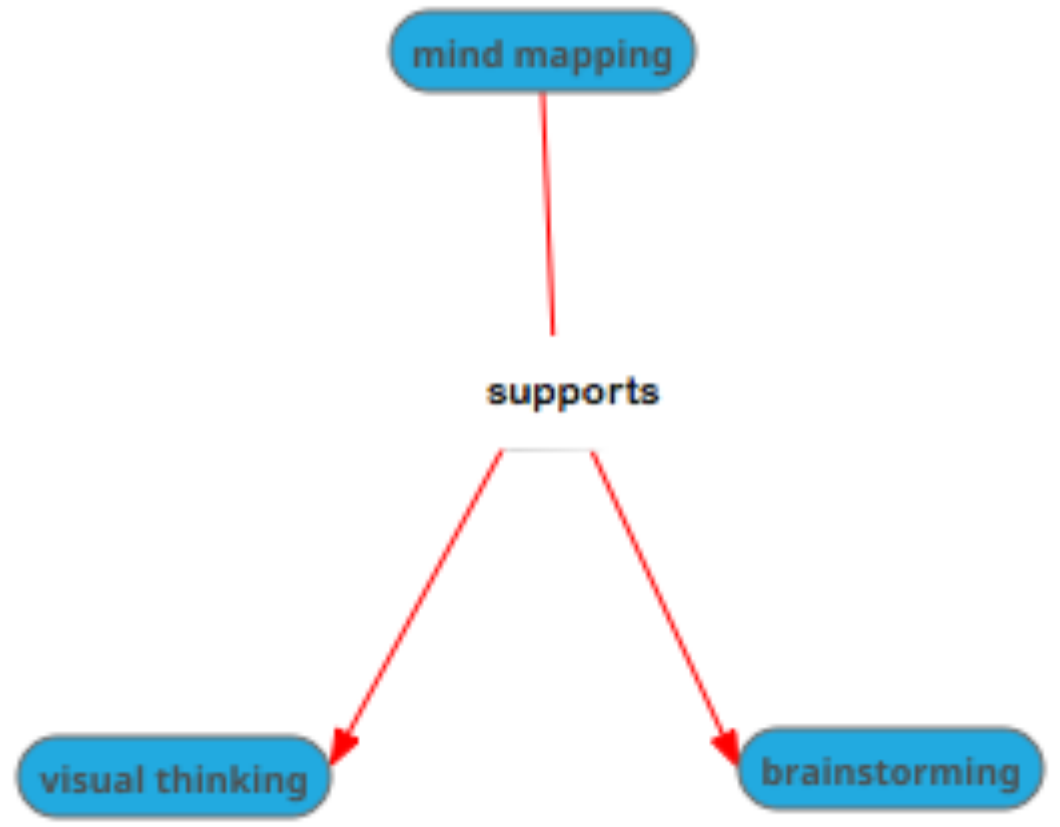
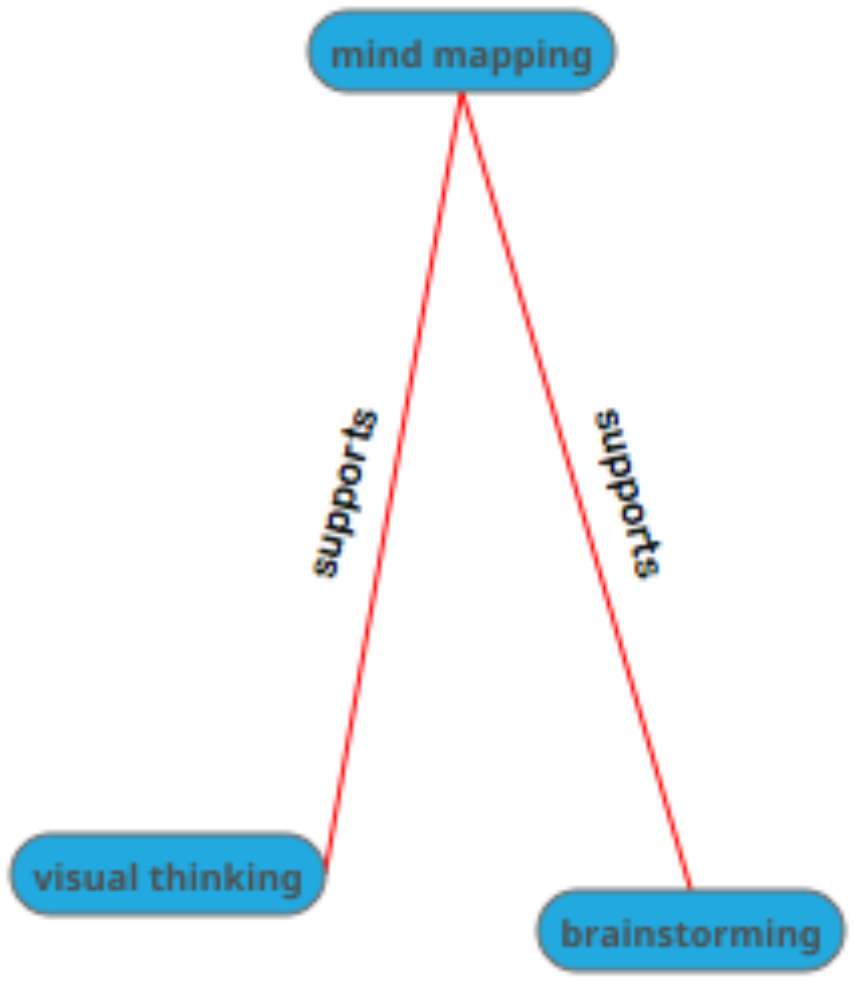
```
graph LR; A[Concept mapping] -- helps with --> B[visual thinking]
```

Concept mapping

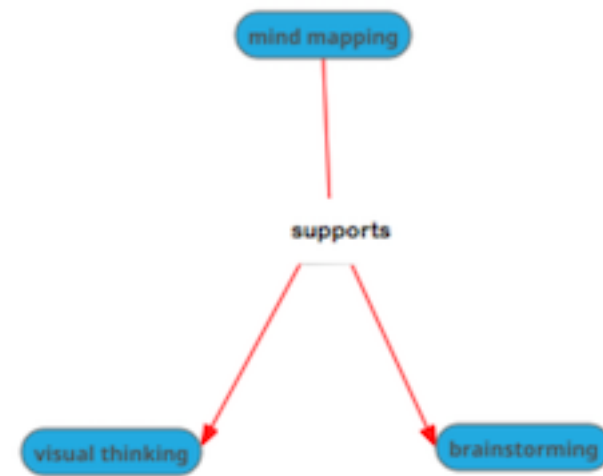
a really important technique for
applying in school environments

visual thinking

```
graph LR; A([Concept mapping]) --- B[a really important technique for applying in school environments]; B --> C([visual thinking]);
```

MindMup connections survey (page 8 of 9)



How important is it for you to allow a single text connection to point to multiple ideas? *

- ☐ This would be very helpful to me
- ☐ It is a basic necessity, I expect it that way
- ☐ This is not important for me
- ☐ This would be a minor inconvenience
- ☐ This would be a major problem for me




```
---  
fixture: fixtures/connector.js  
---  
  
## setting the label  
  
~~ example="line label"  
label: connecting nodes  
~~  
  
![line label](images/line_label-5193ddb3.png)
```

3-result.html

Gojko@Neuri

file:///Users/gojko/work/mindmup/mindmup-svg/results/connectors/3-result.html

Appraise

HomeSummaryHelp

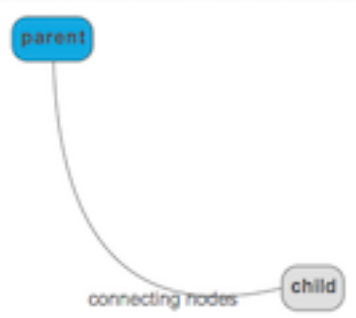
connectors.md / line label

GridOverlayInspect

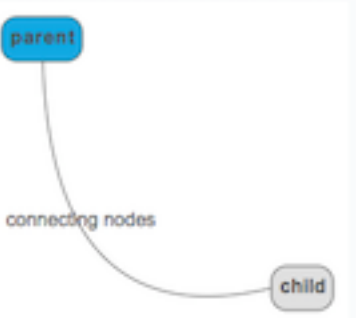
Outcome: failureCause: 556 pixels differ

Approve this example from your command line using:
appraise approve --page "connectors" --example "line label"

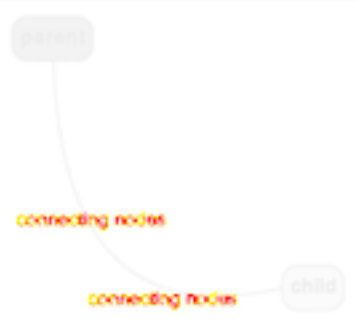
Expected



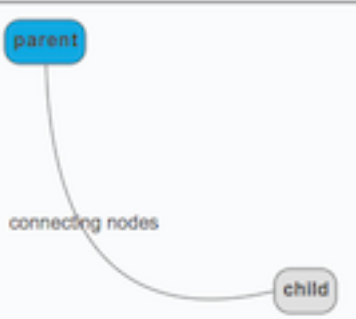
Actual



Diff



Source



mindup/node-themes.md at · X

← → ↺ 🏠

https://github.com/saulpompiers/mindup/blob/master/lib/maps/svg/examples/theme/node-

120%

⋮🔒🌟🔍 Search

📅 daily check

 gojko fix borders for underline in svg export

Latest commit 4229858 on 23 Dec 2019🕒 History

👤 1 contributor

76 lines (52 sloc)1.48 KB

RawBlame🖨️✎️🗑️

fixture	theme-element	theme-element-property
fixtures/theme.js	node	0

Node Theming

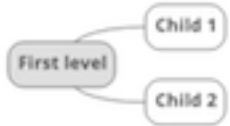
By default, borders are solid and rounded, titles are centred with a small padding around the text:

```
name: default
```



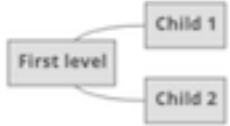
A theme can set the background color for a node

```
name: default
backgroundColor: "#FFFFFF"
```



A theme can set the corner radius for a node

```
name: default
cornerRadius: 0
```



RULE #3: TESTS SHOULD FACILITATE CHANGE!

(and not cement code)

Narakeet - Create Narrated Vid



[Help](#) [Pricing](#) [News](#)

[MY ACCOUNT](#) [SIGN UP](#)



Slides to Video

Text to Voice

25+ languages

120+ voices

Create Narrated Videos Quickly!

Stop wasting time on recording voice, synchronising picture with sound and adding subtitles.

Let Narakeet do all the dull tasks, so you can focus on the content.

Edit videos as easily as editing text.

[CREATE A VIDEO NOW](#)

Non-techies

PowerPoint or Google Slides to Video

Demo 1

Screencast

Demo 2

Code Tutorial

Demo 3

Quick Announcement

Turn this...

```
1 size: 720p
2 transition: crossfade 0.2
3 background: corporate-1 fade-in fade-out
4 theme: light
5
6
7
8
9 [ ]([intro.mp4])
10
11 (font-size: 30)
12 ...
13 Deploying applications using AWS SAR
14 ...
15
16
17 (pause: 1)
18
19 In this screencast, we'll show you how to deploy serverless components.
20
21 First, load up the 'SAR' console. Search for Serverless Application
22 repository in the main service list.
23
24
25 (video:
26   file: screencast.mp4
27   ...)
```

[DOWNLOAD SOURCE FILES](#)

Into this...



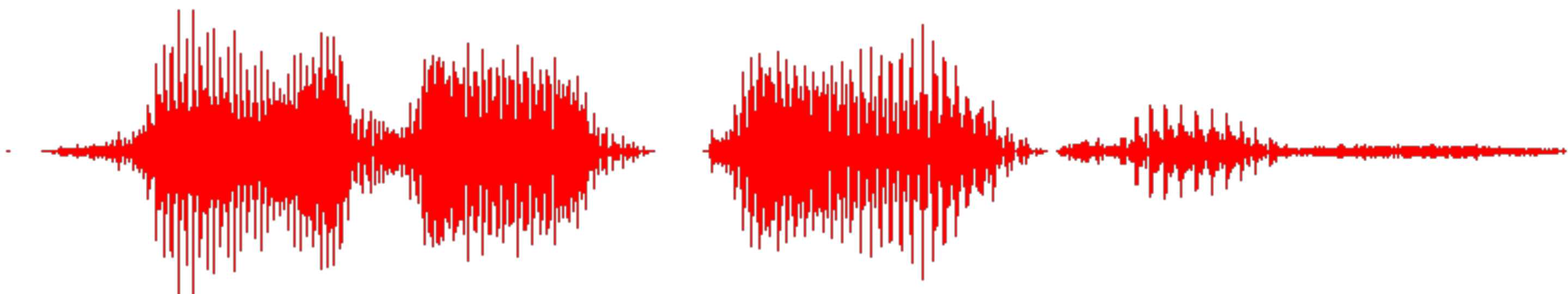
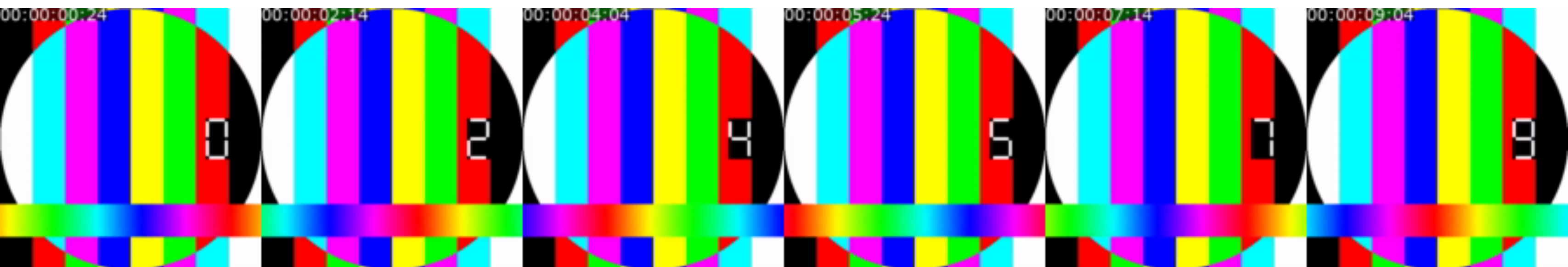
[LEARN MORE](#)

`![00-10 sync](video.mp4)`

Something very interesting happened here!

`![cover](image.png)`

As you can see in this image...



mind sized/merging-assets.md · X

← → ↺ 🏠 🔒 https://github.com/gojko/mind sized/blob/master/composer/composer/tests/visual/slides/merging 100% ... 🗒️ ⭐ 🔍 Search

daily check

 gojko refactor slide merging

Latest commit 2d6a013 on 30 Nov 2020 🕒 History

🔍 1 contributor

70 lines (45 sloc) 885 Bytes

Raw Blame 🖨️ ✎️ 🗑️

fixture	sampleFrames	sampleWidth
script-fixture.js	5	125

Merges slide on top of an video

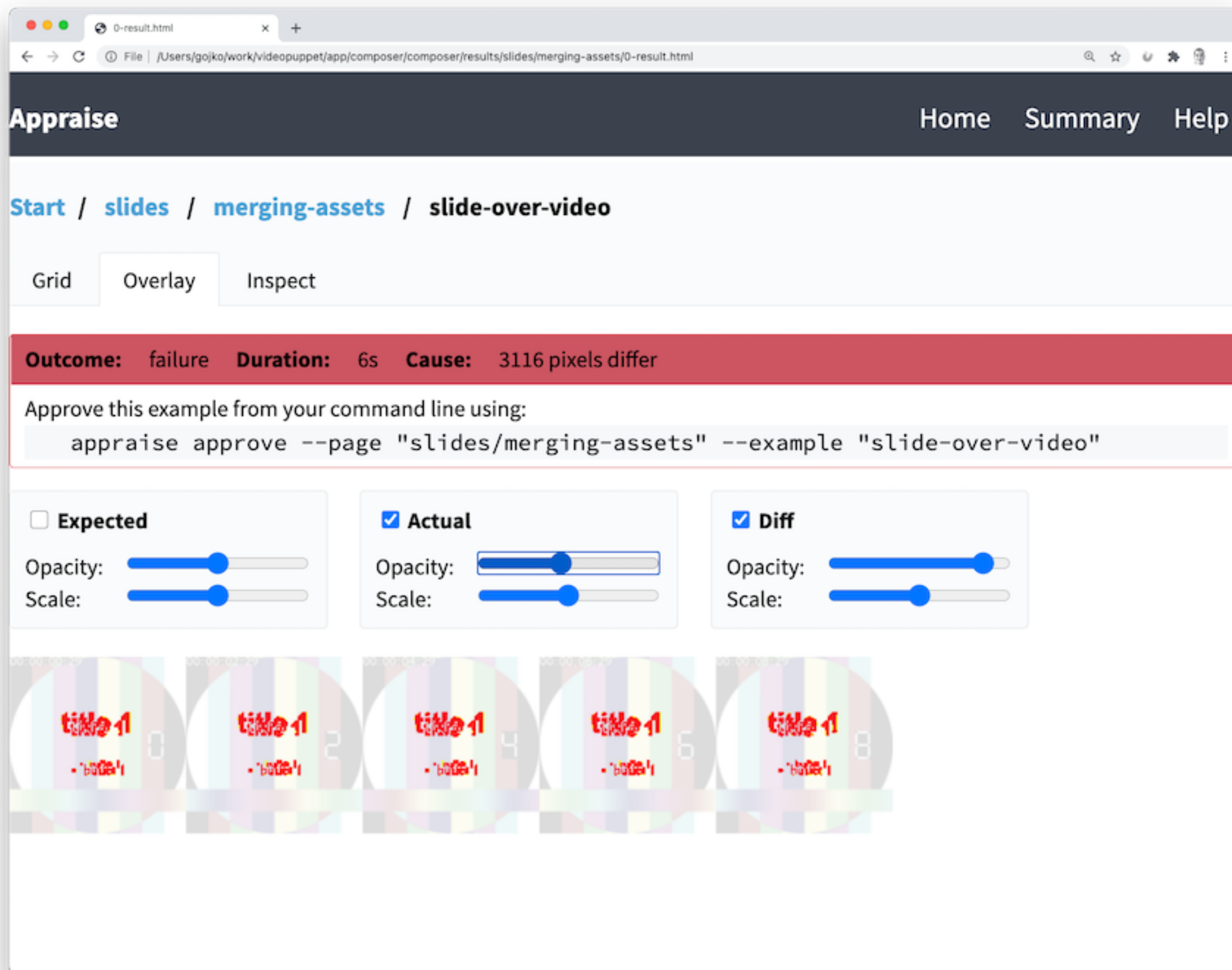
```
-----
size: 500x500
-----

(font-size: 30)
~~~~~md
# title 1

* bullet 1
~~~~~

(10-sec-progress.mp4)
```

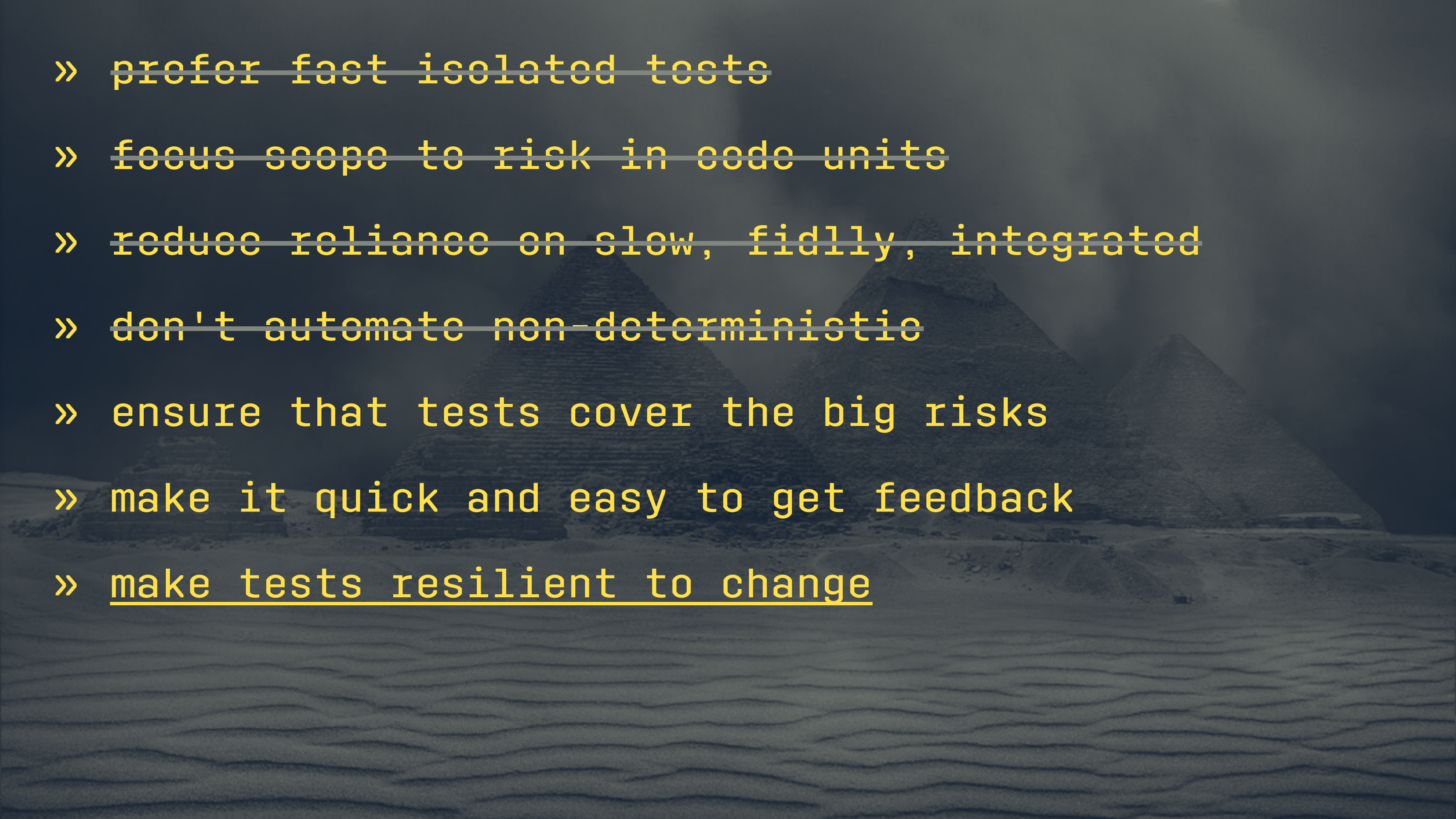




RULE #4: OPTIMISE THE DIFF!

(make it easy to spot changes, and act on them)



- 
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 - » ensure that tests cover the big risks
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EXAMPLES



AUTOMATION



**SYSTEM
UNDER TEST**

WHAT



EXAMPLES



HOW



AUTOMATION



**SYSTEM
UNDER TEST**

RULE 5: TEST "WHAT"!

(not "how")



» [appraise.qa](#)

» [narakeet.com](#)

» [gojko.net](#)

» <https://gojko.net/s/202102-goto.pdf>

