



ANGULAR
ARCHITECTS

UAAO Framework

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Turbo Button



UAAO Framework *

- Understand
- Audit
- Analyze
- Optimize

* by Jeff Cross' talk @ ngAtlanta go.nrwl.io/uao

Understand

- Understanding the business
- Understanding the problem
- Understanding the cause
- Understanding users
- Understanding key content

Audit

- Audit the status quo
- Choose the right tool
- Measure performance
 - Consistency (same machine, close apps, browser incognito mode)
 - Multiple samples (e.g. 3 or 5), take the median

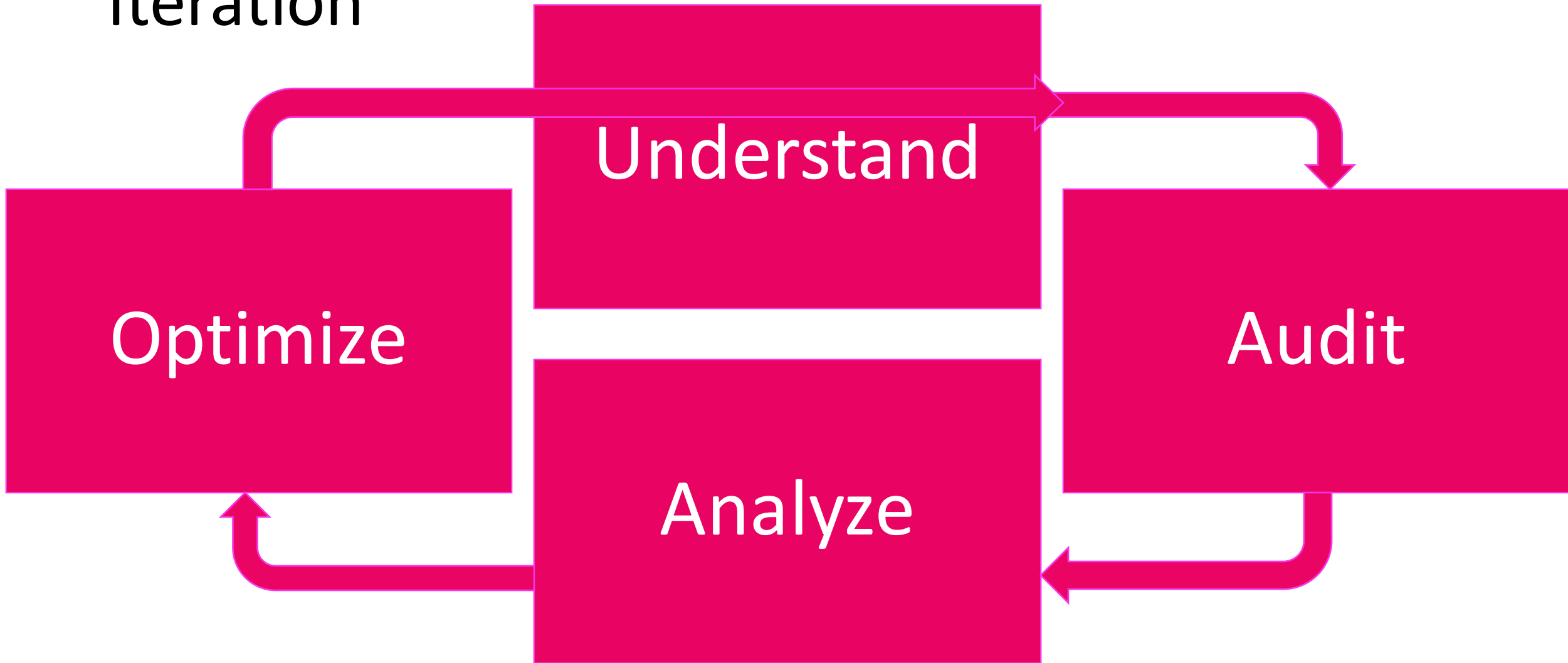
Analyze

- Check the audit results
 - Lighthouse and other tools show recommendations
- Find main problem(s) / main cause(s) of slow performance
- Or start with Quick Win
- Focus on things that can be changed 😊

Optimize

- Implement the improvements / fixes
 - Or delegate it
- Check the results (doing another audit)
- After optimization start over again

Iteration



UAAO Template

- https://docs.google.com/document/d/1AQgAwHoHvasmT43HUISr3THifj-WHD_wwJQRhd0KG64/edit

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graph TD; UAAO[UAAO Framework] --> AT[Audit Tools]; AT --> IL[Initial Load]; IL --> RP[Runtime P.];
```

Audit Tools

Initial Load

Runtime P.

References

- UAAO introduced by Jeff Cross ([@jeffbcross](#)) from [NX](#)
 - [UAAO Example](#) ([ngAtlanta '19](#))
 - [Slides](#)
 - [Talk](#)
 - [Victor Videos UAAO](#) ([ng-conf '21](#))
 - [Workshop](#)



Questions?