ANGULAR
ARCHITECTS
INSIDE KNOWLEDGE
UAAO
Framework
Hosted by Alex Thalhammer

Turbo Button
Colani
HIGHSCREEN
386 SX-33
POWER
HDD
TURBO
RESET

UAAO Framework *

- Understand
- Audit
- Analyze
- Optimize

* By Jeff Cross' talk from ngAtlanta, for example see go.nrwl.io/uaao

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 all programs, browser in incognito mode)
  - Multiple samples (e.g. 3 or 5), take the median

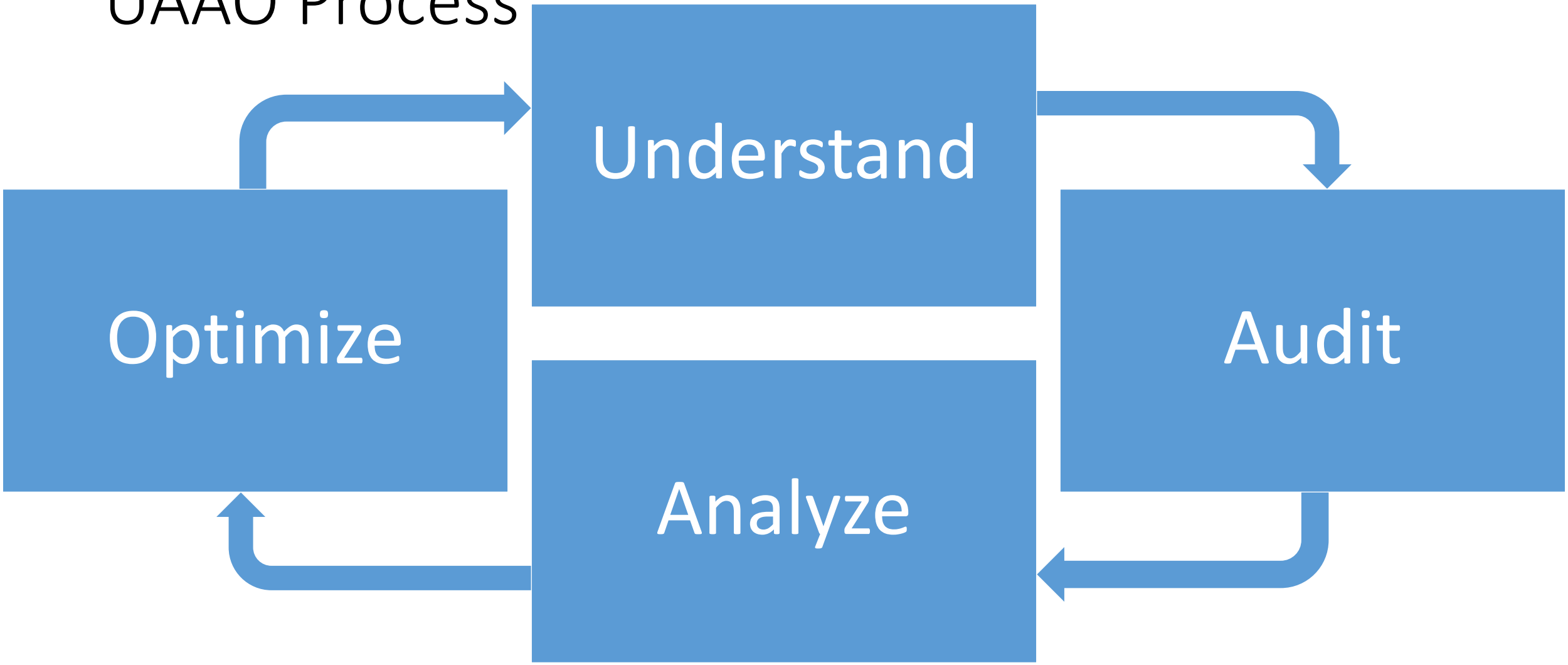
Analyze

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

Optimize

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

UAAO Process



UAAO Template

- https://docs.google.com/document/d/1AQgAwHoHvasmT43HUlSr3THifj-WHD_wwJQRhd0KG64/edit

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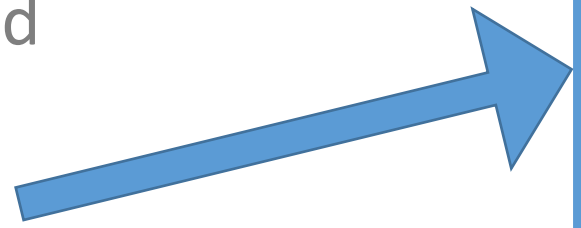
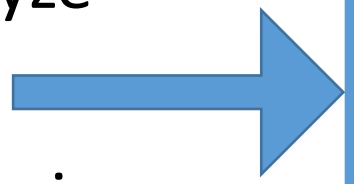


Audit Tools



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