

Making your APIs AI-Ready

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Designing for a world where machines read your APIs



The New Challenge

The New Challenge : Overview

- AI and the API Landscape
- Machines and APIs
- Not-so-AI-Ready APIs
- Five Shifts Ahead

The New Challenge : AI and the API Landscape

- AI is everywhere!
- APIs are no longer just for humans
- Agents, bots, orchestrations, etc. “see” differently

Similar to the shift from green screen to UI

The New Challenge : Machines and APIs

- Machines don't learn the way we do
- Machines rely on context, not instructions
- Machines recognize patterns
- Machines look for “hooks”

Humans supply missing details, bots do not

The New Challenge : Not-So-AI-Ready APIs

- Agents mis-interpret your API responses
- Agents make selection errors when attempting actions
- Agents fail to repeat similar workflows
- Agents don't give up, they hallucinate

*Inconsistencies are “fixed” by humans,
but not by machines*

The New Challenge : Five Shifts Ahead

- We can improve things by focusing on five things
 - From interface to intention
 - Make context machine-readable
 - Standardize interactions, not just endpoints
 - Enable discovery
 - Support observation, iteration, and adaptation

*We can improve our chances
by planning ahead*

The New Challenge : Review

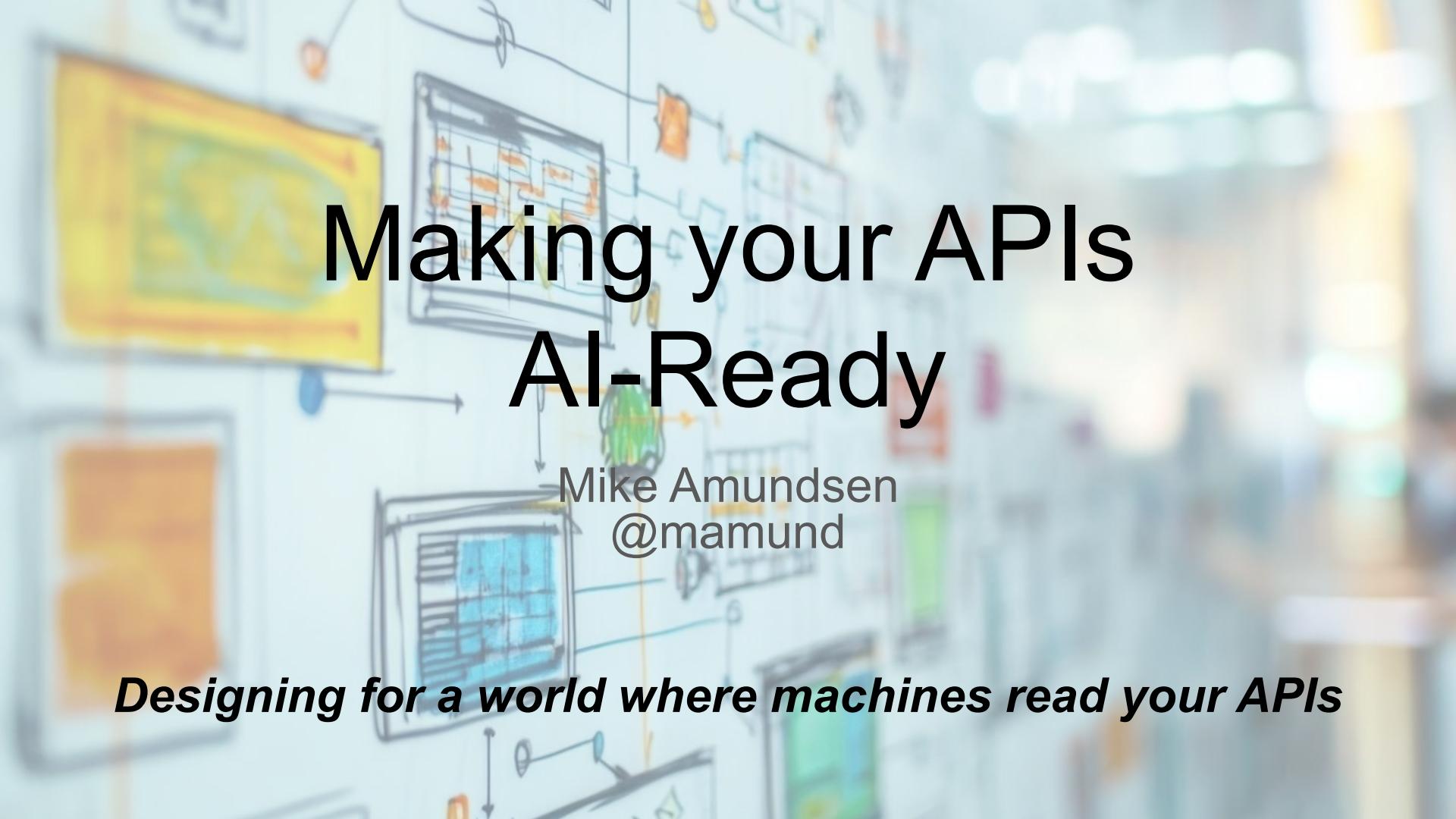
- AI and the API Landscape
 - APIs are no longer just for humans
- Machines and APIs
 - Humans supply missing details, bots do not
- Not-so-AI-Ready APIs
 - Inconsistencies are “fixed” by humans, but not by machines
- Five Shifts Ahead
 - We can improve our chances by planning ahead

*Making your APIs AI-Ready
requires deliberate design*



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