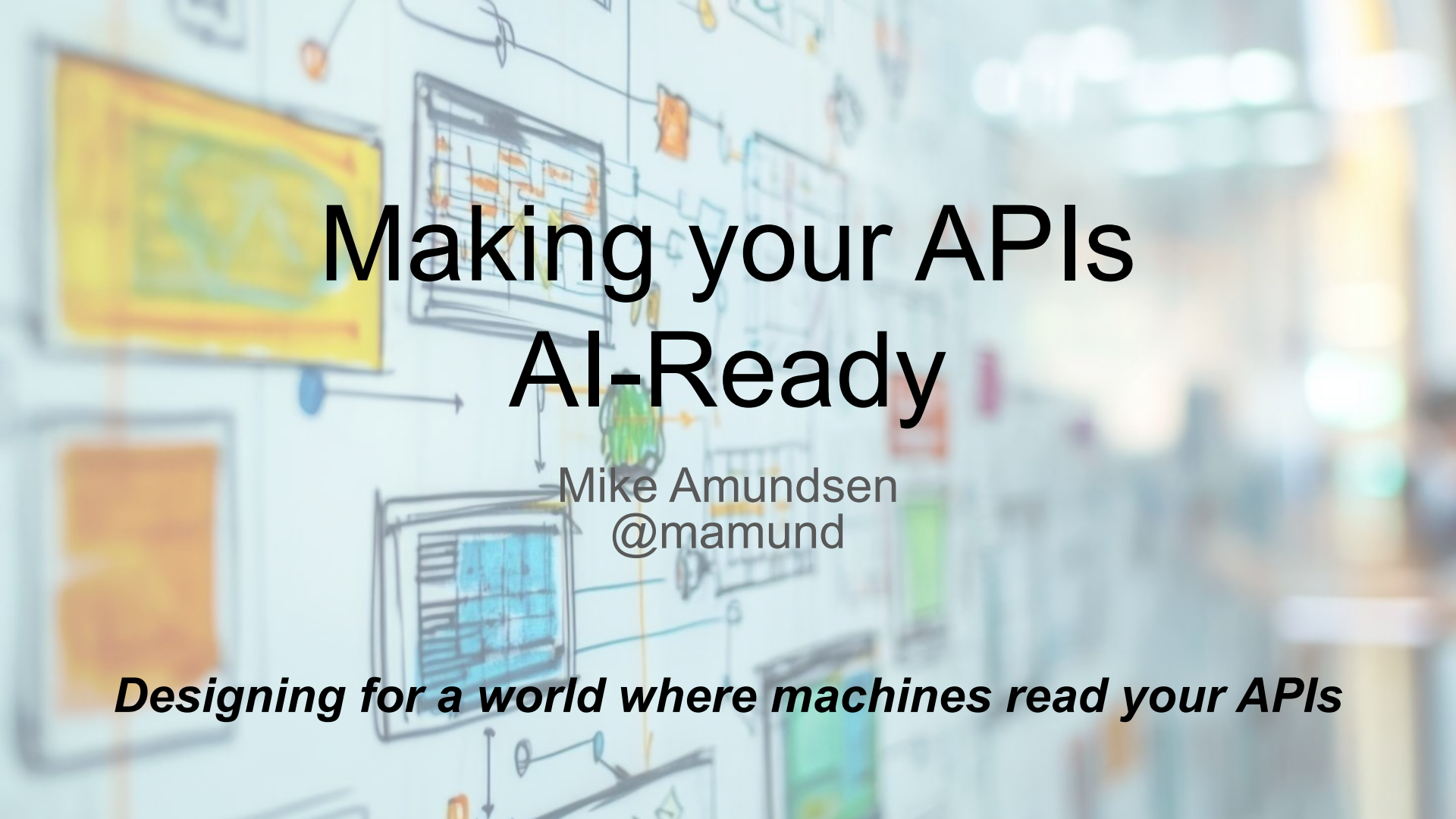

Making your APIs AI-Ready

Mike Amundsen
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Designing for a world where machines read your APIs

Masterclass Review

Masterclass Review

- The New Challenge
- From interfaces to Intentions
- Make Context Machine-Readable
- Standardize Interactions
- Enable Discovery
- Observe, Adapt, Iterate
- Bridging LLMs & APIs with MCP

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

From Interfaces to Intentions : Review

- Why focus on Intent?
  - Machines don’t care about UI
- Why this matters
  - Machines recognize explicit instructions
- Designing for intention
  - Make meaning visible
- What we can do right now
  - Provide plain-language descriptions

Make Context Machine-Readable : Summary

- Metadata is king
  - Better metadata == better bots
- What this means
  - Design assets are runtime assets
- Focus on details
  - Be explicit, verbose
- What we can do right now
  - Add metadata, embed capabilities, embrace domain-thinking

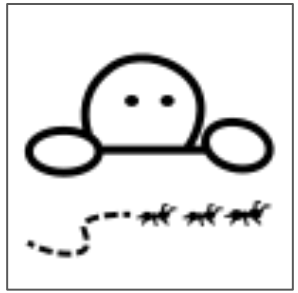
Standardize Interactions : Summary

- Consistency is power
  - Machines rely on patterns
- The benefits of consistency
  - Reduce “surprise” to increase predictability
- The downsides of inconsistent designs
  - Inconsistency encourages bugs
- What we can do right now
  - Avoid novel approaches

Enable Discovery : Summary

- Stop hiding capabilities
  - If they can’t find it, they won’t use it
- Why this is important
  - Help machines navigate “the maze”
- Beyond documentation
  - Include navigation metadata in responses
- What we can do right now
  - Maintain and use registries and vocabularies

Observe, Adapt, Iterate : Summary



- Machines pay attention
  - Adjust responses to influence agents
- When agents fail
  - Failures indicat design problems
- How agents improve
  - Machines form habits
- What we cans do right now
  - Observe and adjust over time

Bridging LLMs & APIs with MCP : Summary

- What is MCP?
  - An adaptor protocol for your APIs
- What does an MCP server do?
  - exposes capabilities, standardizes interactions
- MCP supports the five shifts
  - It enables your shift to AI-Ready APIs
- What we can do right now
  - Improving your context metadata empowers MCP servers

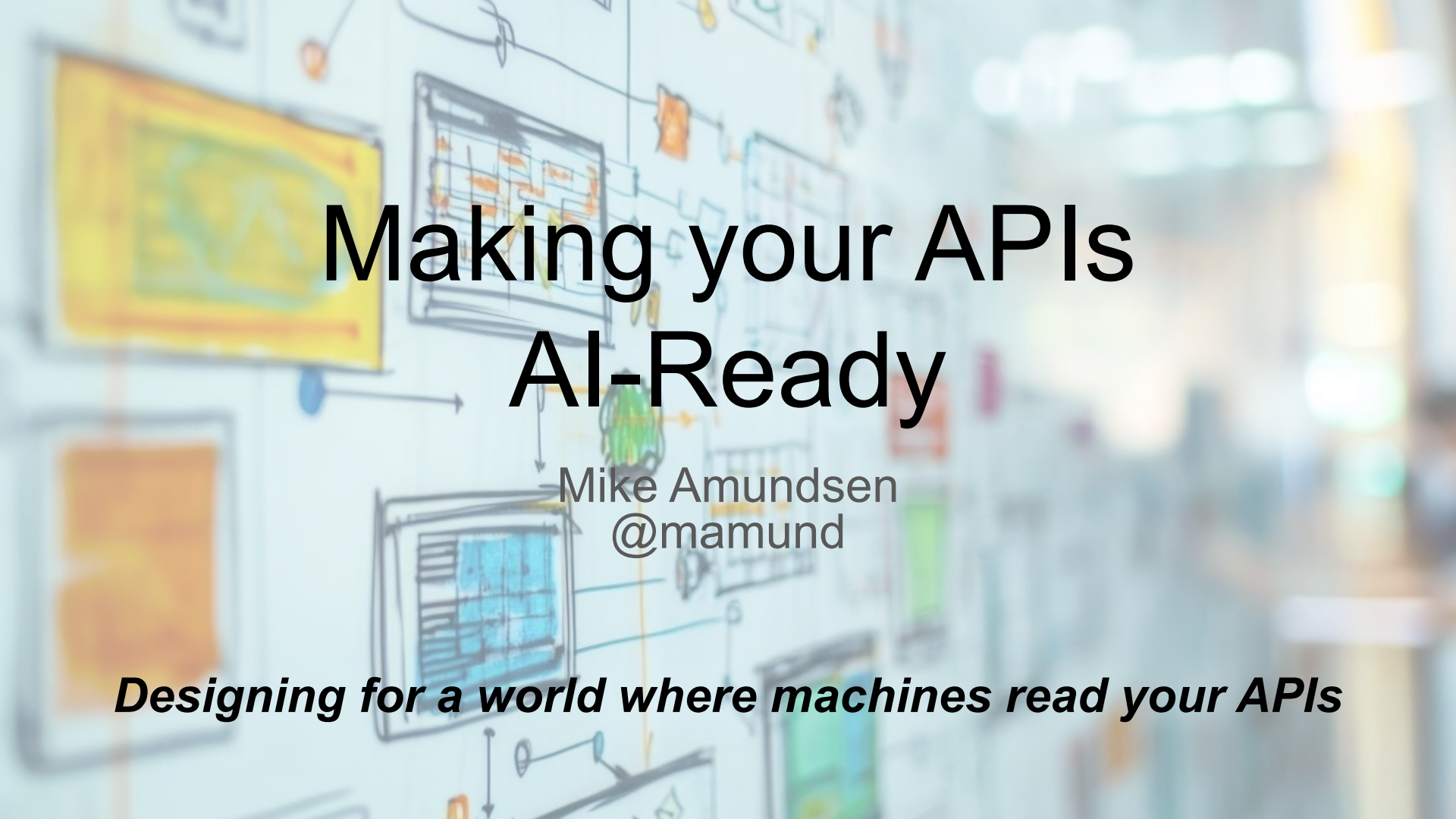
Masterclass Review

- The New Challenge
  - APIs are no longer only for humans
- From interfaces to Intentions
  - Machines don’t care about UI
- Make Context Machine-Readable
  - Metadata is king
- Standardize Interactions
  - Consistency is power

Masterclass Review

- The New Challenge
  - APIs are no longer only for humans
- From interfaces to Intentions
  - Machines don’t care about UI
- Make Context Machine-Readable
  - Metadata is king
- Standardize Interactions
  - Consistency is power
- Enable Discovery
  - Stop hiding capabilities
- Observe, Adapt, Iterate
  - Adjust responses to influence agents
- Bridging LLMs & APIs with MCP
  - Enables your shift to AI-Ready APIs


Questions?



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