



Making your APIs AI-Ready

Mike Amundsen
@mamund

Designing for a world where machines read your APIs



Shift #2 : Make Context Machine Readable

Make Context Machine-Readable : Overview

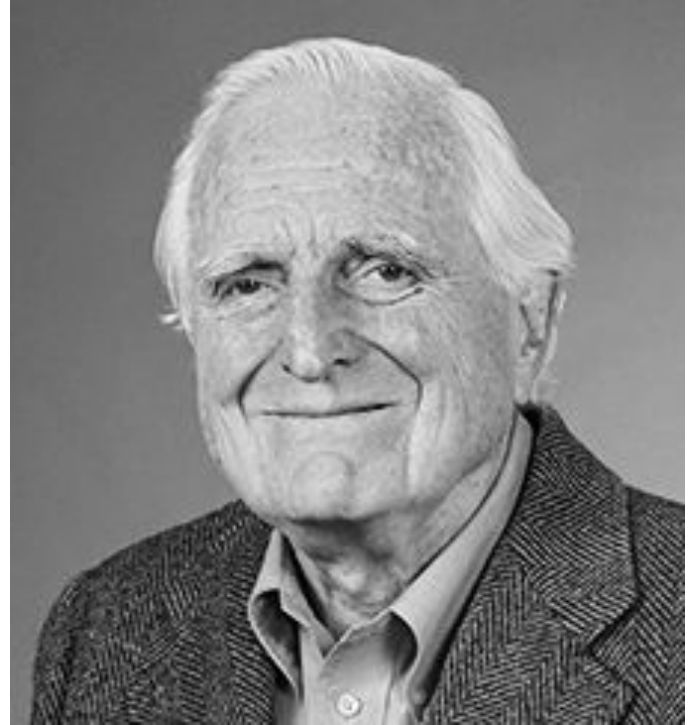
- Metadata is king
- What this means
- Focus on details
- What we can do right now



Make Context Machine-Readable

*"The better we get at getting
better, the faster we will
get better."*

– Douglas Engelbart



Make Context Machine-Readable : Metadata

- Be relentless about adding context
- Agents make better selections when they have more metadata
- Better context === better bots



Bots get better when the context gets better

Make Context Machine-Readable : What this means

- Think of your design assets as metadata
- Vocabulary, sets of operations, message schema
- Deeper descriptions are better than wider set of operations



Share all you can with your AI agents

Make Context Machine-Readable : Focus on details

- Be explicit about versioning
- Include possible “next steps” as detailed links/forms
- Provide hooks to additional metadata (e.g. machine docs)



Context is not just docs, it is code

Make Context Machine-Readable : What we can do now

- Add external metadata (APIs.json, ALPS, etc.)
- Embed capability statements (links, forms, inputs, etc.)
- Embrace domain design (consistent API vocabularies)



Documentation becomes part of API design

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



Metadata is the new interface

Make Context Machine-Readable : Quick Quiz

- 3.1 When working with AI bots, documentation becomes _____
- A. worthless
 - B. easier to ignore
 - C. part of the API design
 - D. optional
- 3.2 Bots get better when _____
- A. humans stay out of the way
 - B. there is very little documentation
 - C. they can't access your data
 - D. the context gets better
- 3.3 Metadata is the new _____
- A. meme
 - B. format
 - C. interface
 - D. hype



Shift #2 : Make Context Machine Readable

The background is a blurred image of a wall covered in various hand-drawn diagrams, sketches, and notes. Some sketches resemble computer screens or data visualizations. The overall tone is light blue and white, with some colorful elements like yellow and orange. The text is overlaid on this background.

Making your APIs AI-Ready

Mike Amundsen
@mamund

Designing for a world where machines read your APIs