

# 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

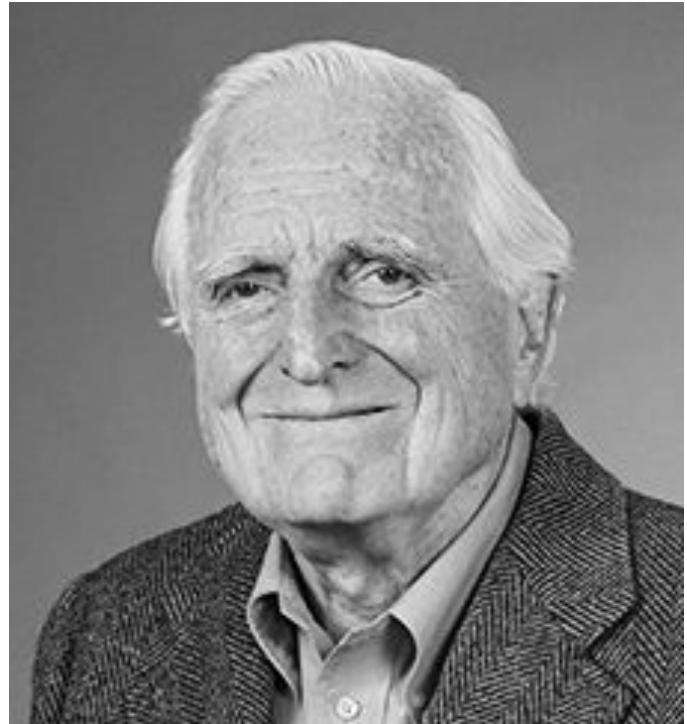


- Metadata is king
- What this means
- Focus on details
- What we can do right now

# 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

# Making your APIs AI-Ready

Mike Amundsen  
@mamund

*Designing for a world where machines read your APIs*