

# Enriching Plone UIs With XML

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- Move more to the browser using  $X^*$
- Improve usability
- Increase productivity
- Heavenly reward in the hereafter

- Illustrate these ideas with examples
- Explain how & why
- Create an app, live
- Two more demos

# Slow Laptop

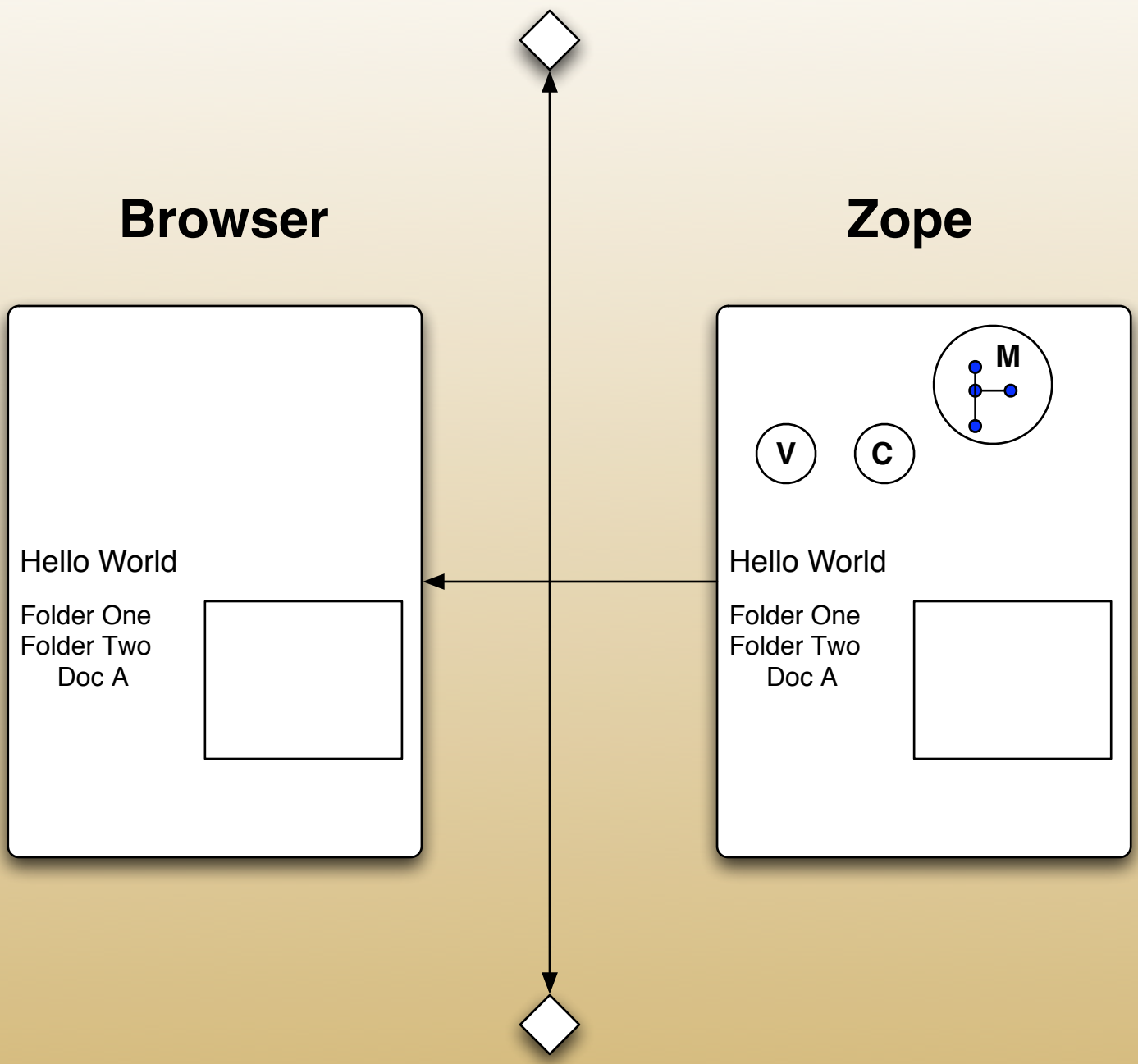
- 550 Mhz
- Mozilla slower than IE at XSLT and XPath
- The solution is...

# New PowerBook

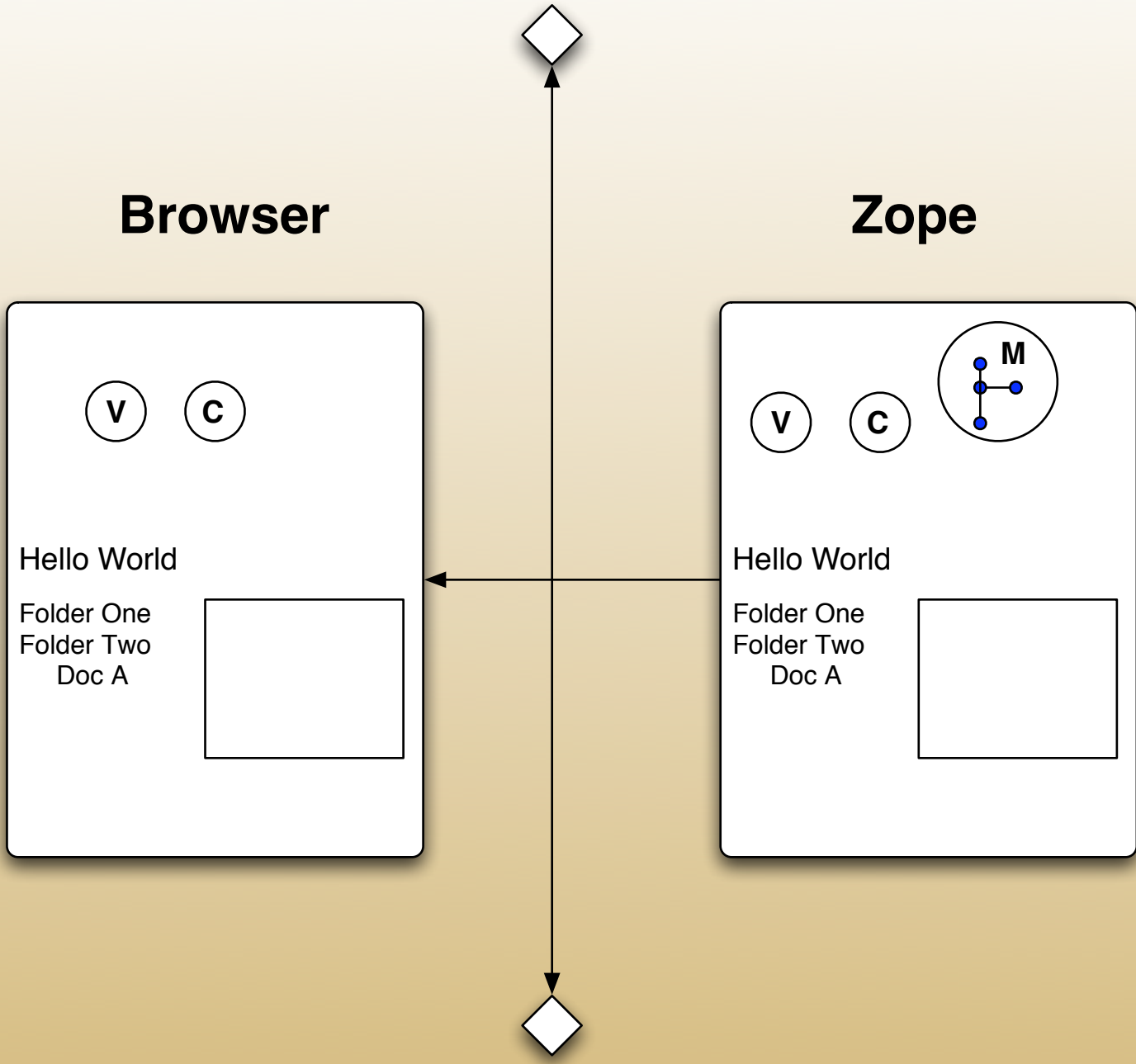


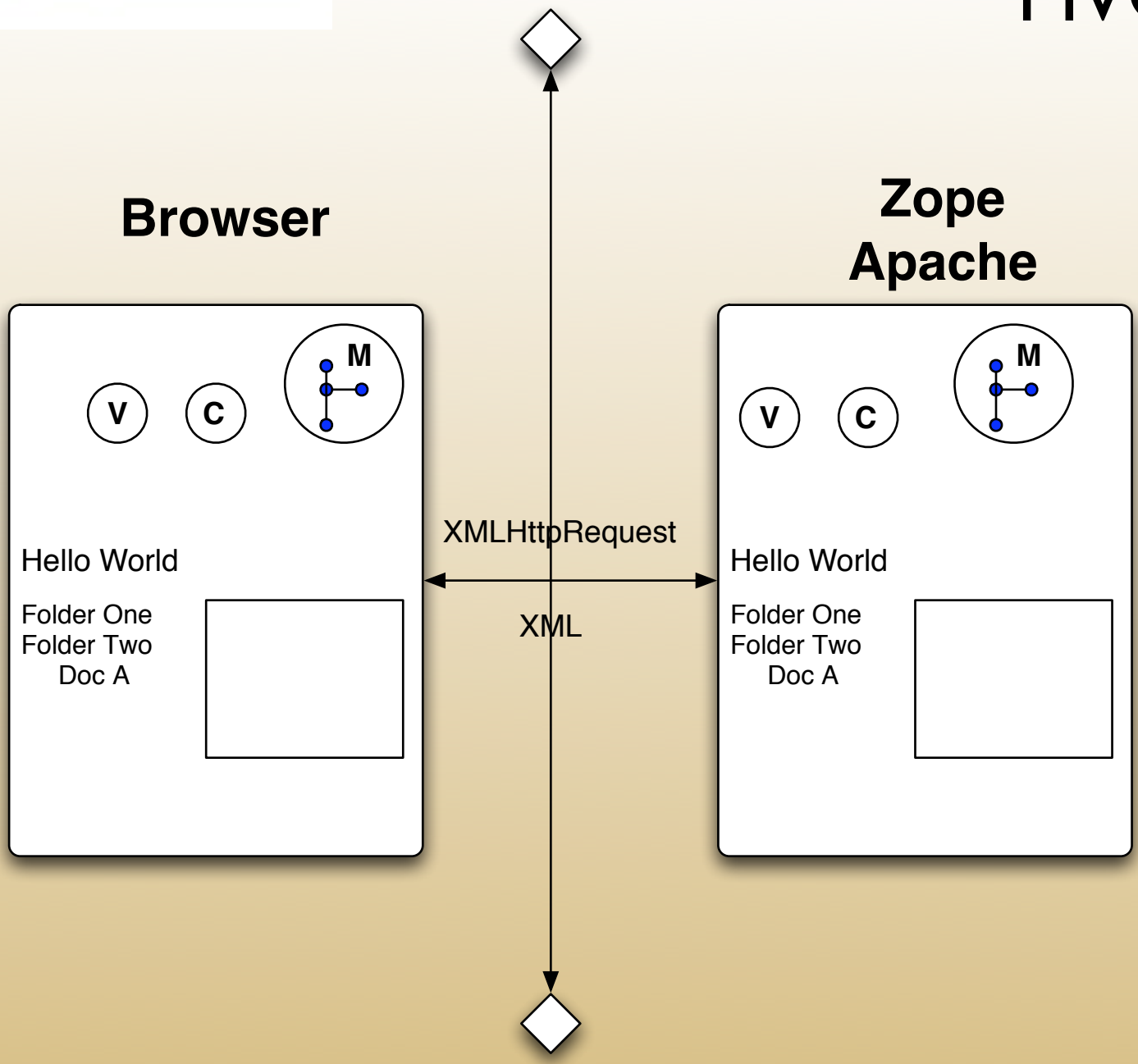
- Project Browser
- XSLTwingle
- After, TTW Archetypes and Epoz NG?

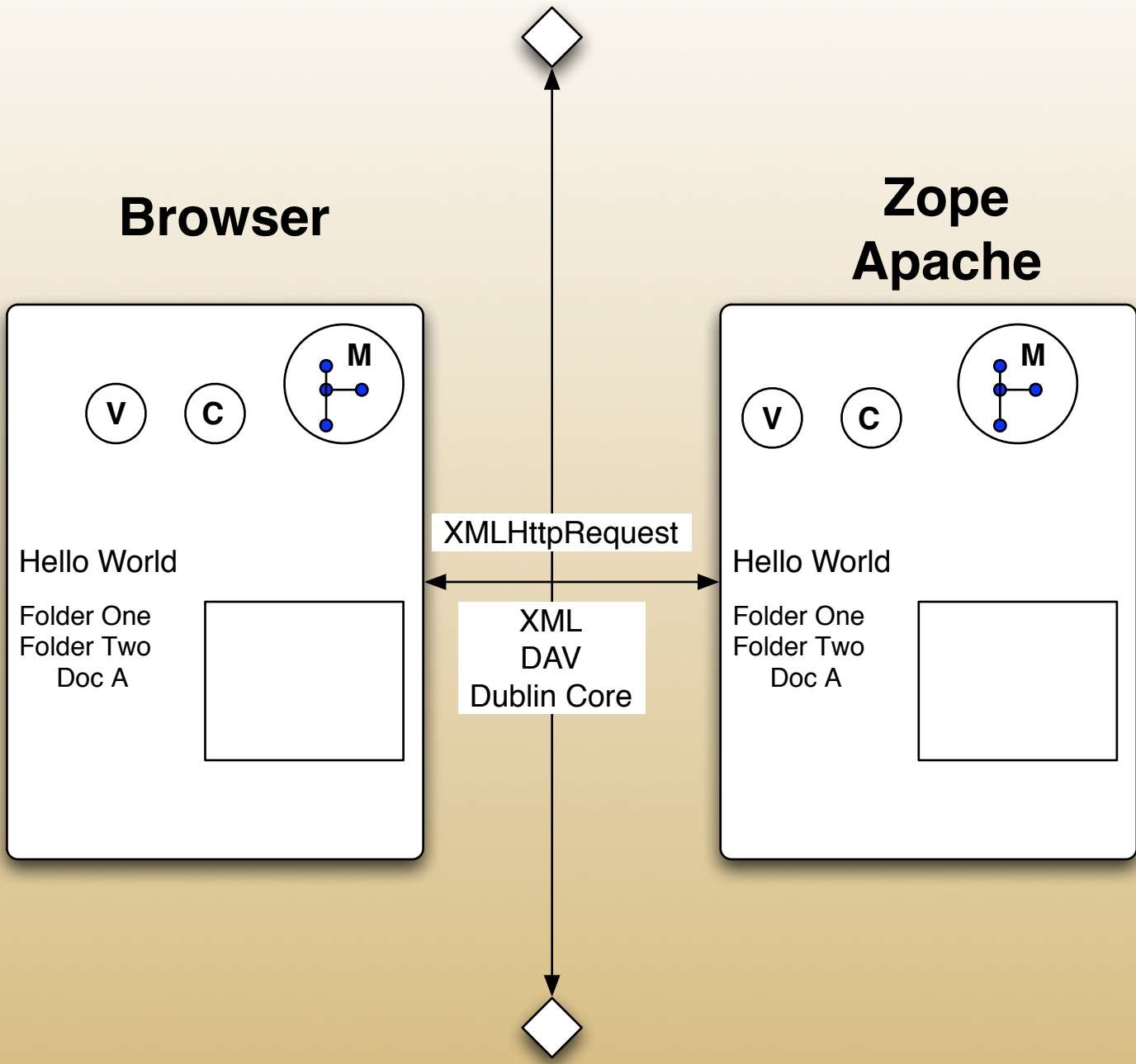
- MVC
- Represent Zope content as XML “model”
- Load into browser, use XSLT to produce HTML for “view”
- Use JS and XPath for “controller”
- Keep state around, load more dynamically

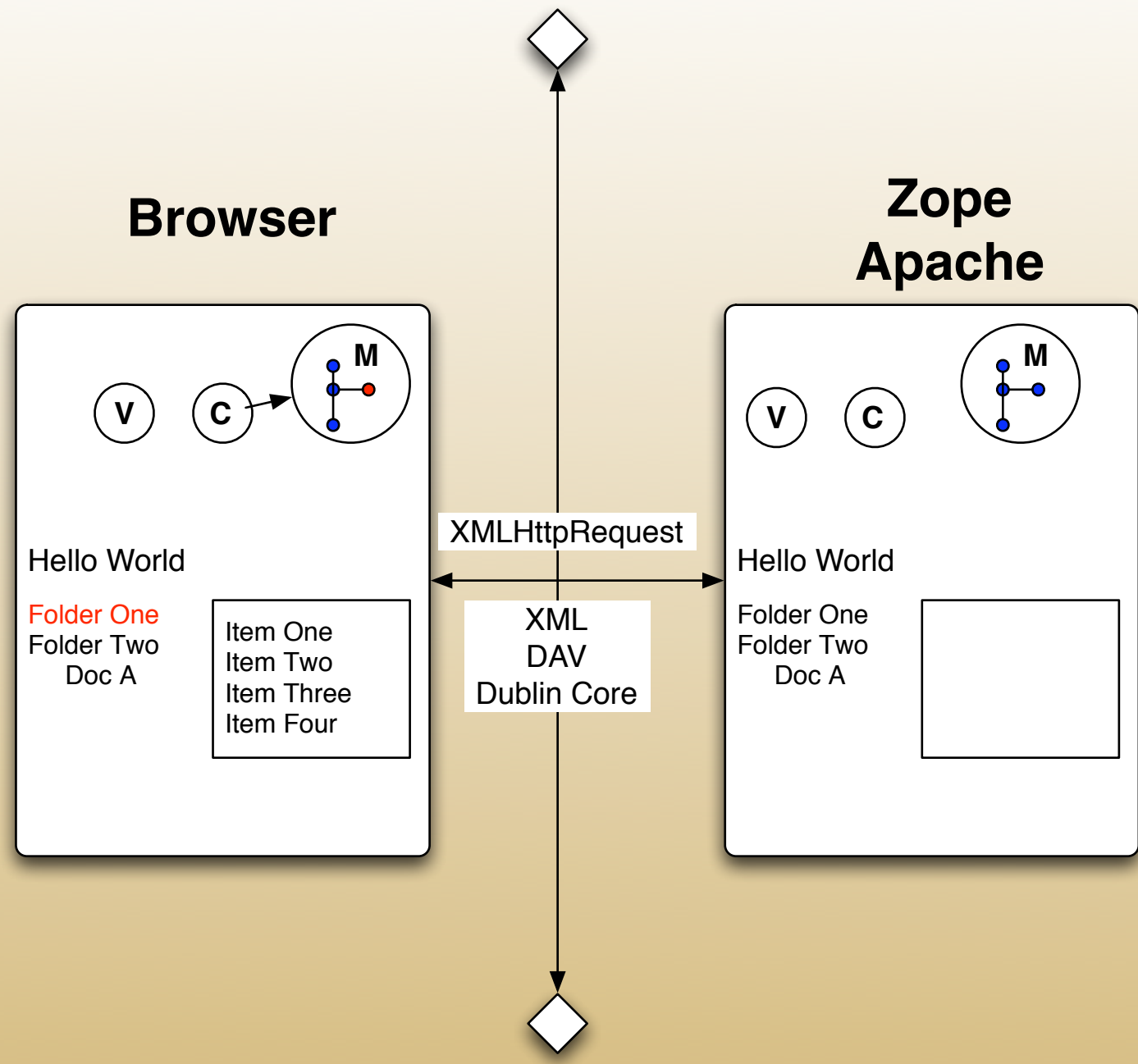


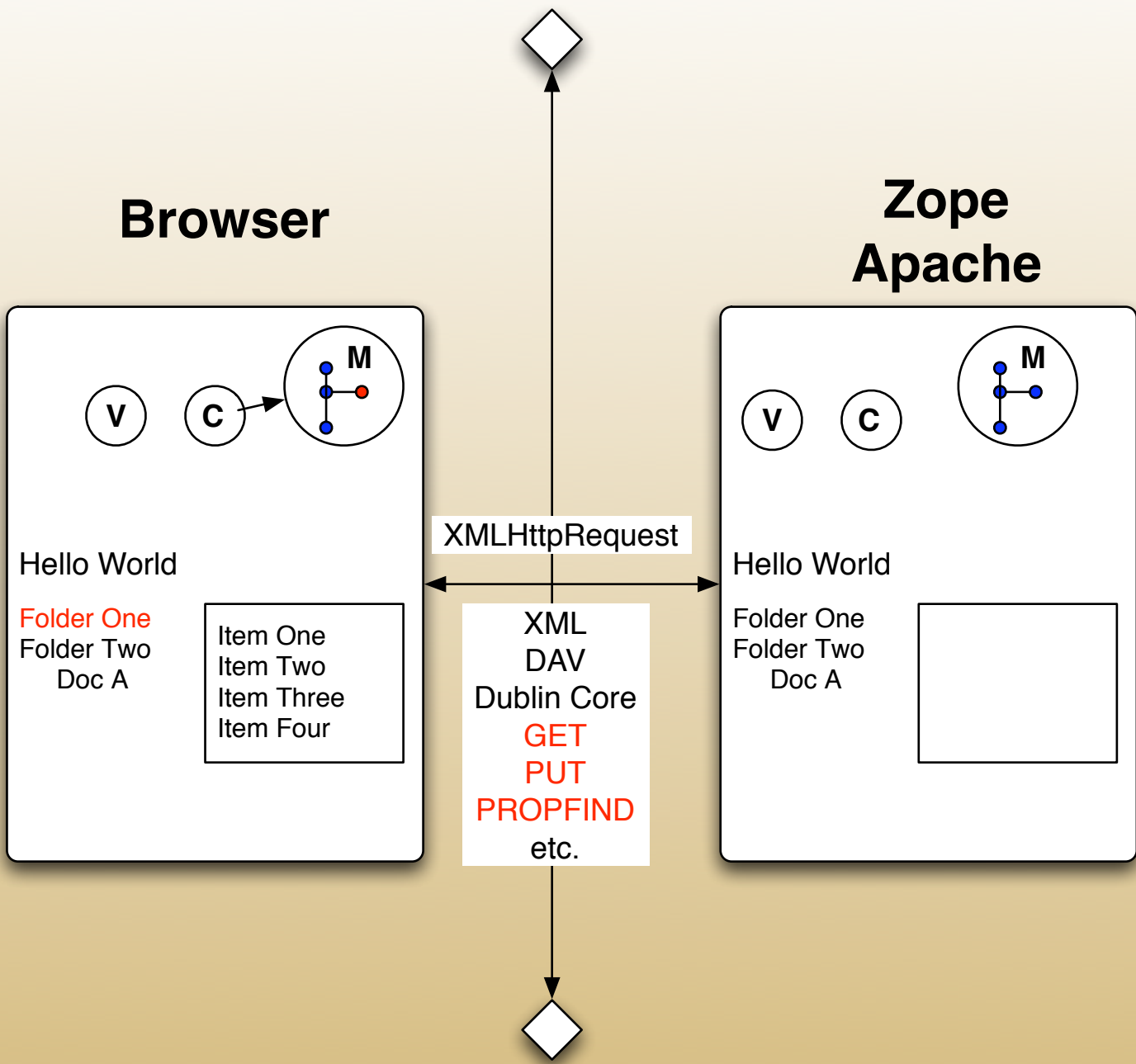












- Better user experience
- Great tools
- Debuggability
- Future proof
- Snippets
- Lower server load

# Why con't

- Parallel dev
- Framework proof
- More inclusive

# Why not

- Browser issues
- XSLT mindwarp
- Duplication
- Tricky state and async issues
- Design tradeoffs (amount of state)



- Agree on initial XML file
- Write an XSLT and view results
- Agree on a schema
- Browser loading
- Wire in event handlers and on-demand loading
- Convert to skin
- Accept updates

# Create An App