

Creating Functional APIs



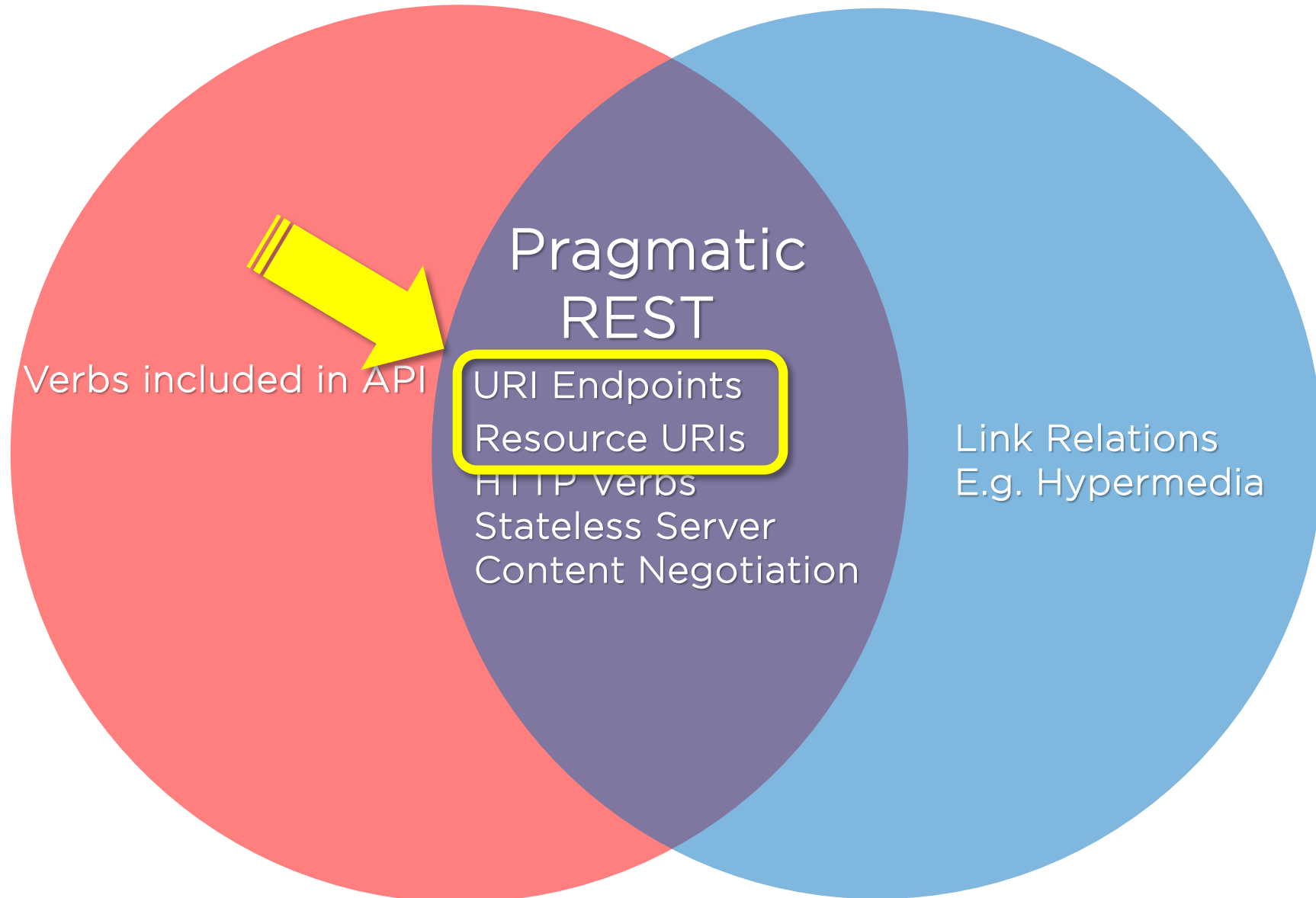
Shawn Wildermuth

MICROSOFT MVP, INSTRUCTOR, AND FILMMAKER

@shawnwildermuth wildermuth.com



APIs on the Web



Functional APIs

REST defines URIs as resources

- But exceptions exist...
 - ...don't be afraid of functional APIs
- But avoid RPC style APIs at all costs



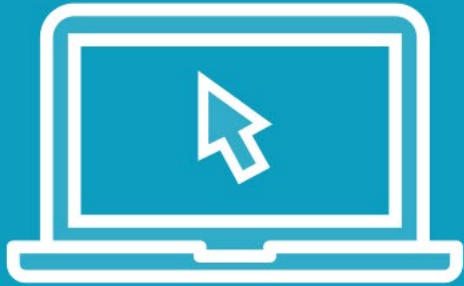
Functional APIs

When should you use Functional APIs?

- For operational needs
- Avoid for reporting
 - E.g. Returning data != functional API



Demo



Creating a Functional API



What We've Learned



REST is important, but be pragmatic



Create Functional APIs if necessary



Don't fall into the RPC trap

