Event Design

How do we know what events to create?

What data should each event contain?

Deciding on what events to publish and what data they should contain is tricky

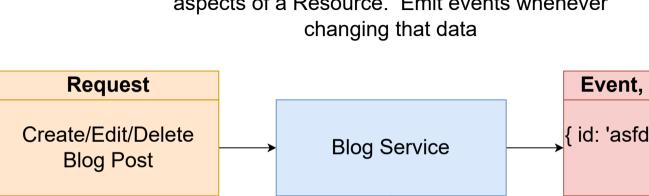
Depends on the purpose of your app and the

features it implements

Also involves thinking about concurrency issues!

At best, I can give you some rules of thumb and show you how I applied them to this project

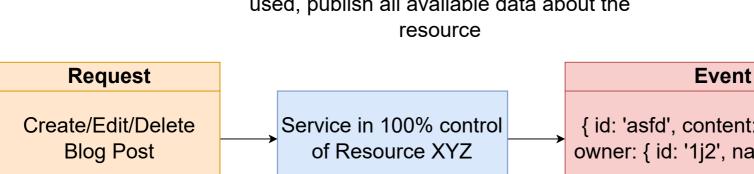
Rule #1 - Make one service in charge of all aspects of a Resource. Emit events whenever changing that data



Event, blog:created { id: 'asfd', content: 'Im a blog' }

Database

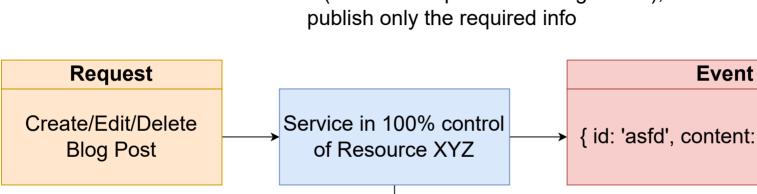
Rule #2 - If you don't know how the event will be used, publish all available data about the resource

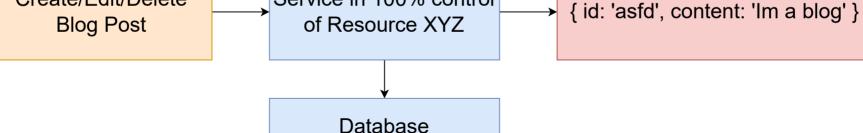


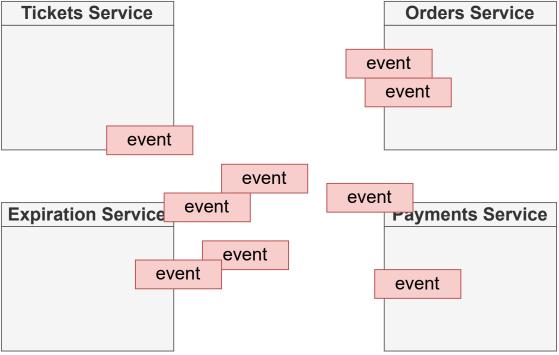
{ id: 'asfd', content: 'Im a blog', owner: { id: '1j2', name: 'Alex' } }

Database

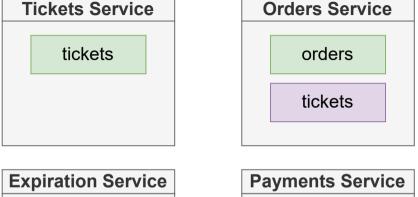
Rule #3 - If you do know how the event will be consumed (and don't expect it to change soon), publish only the required info







Data Held + Replicated by Each Service







Subject Names Format

Name of resource	:	Thing that happened to it

created

updated

created

complete

ticket :

ticket

order

expiration

