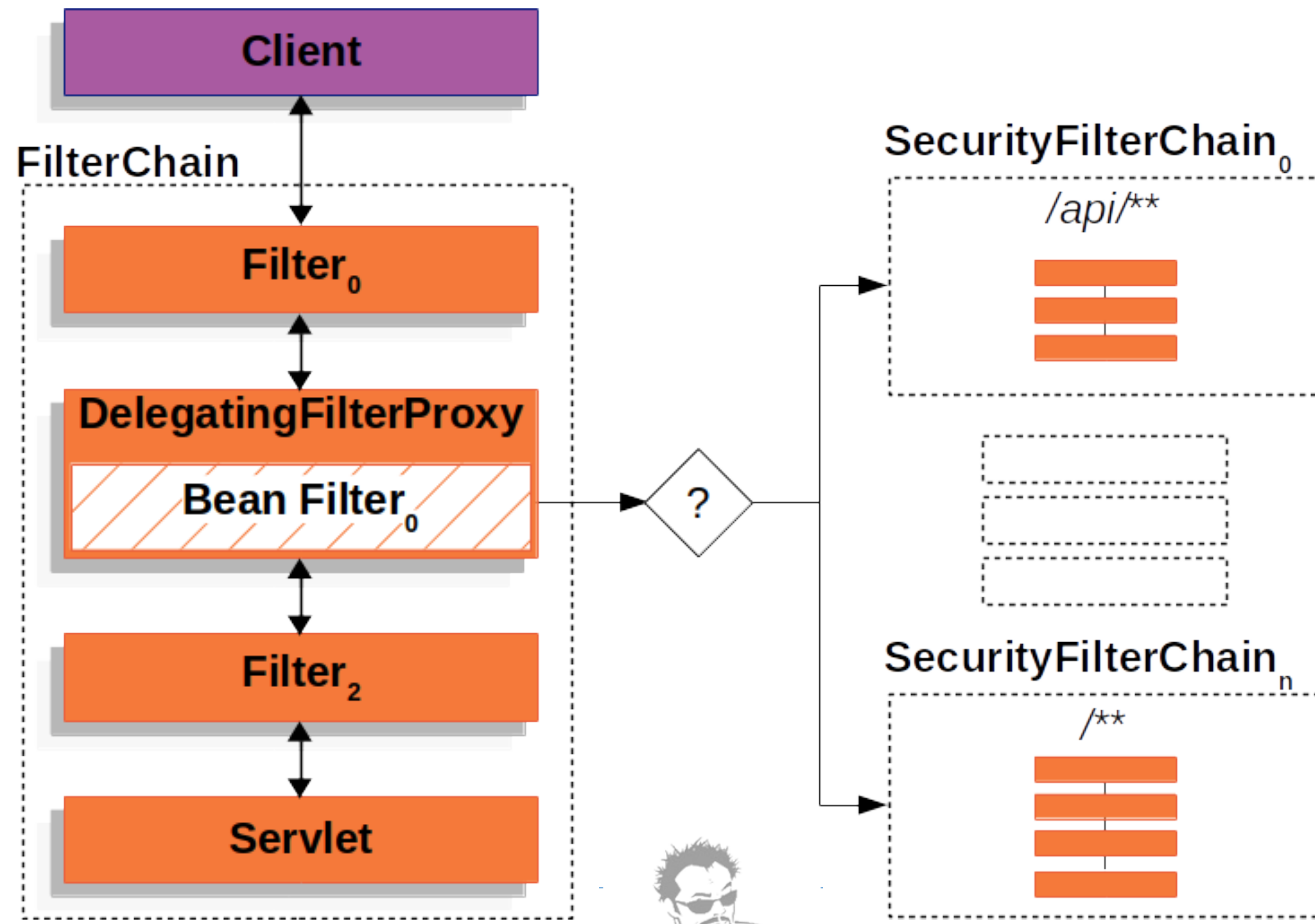




Spring Security

Beginner to Guru

Custom Authentication Filter





Spring Security Filters

- All Spring Security Filters implement the **Filter** interface
 - Part of the Java Servlet API
 - Accepts Servlet Request, Servlet Response, and Filter Chain
- Can be used to implement actions on the Request or Response
- HTTP Basic Authentication is using the filter **BasicAuthenticationFilter**
 - Inspects Request for HTTP Basic credentials and performs Authentication





Custom Spring Security Filter Use Case

- Hypothetically speaking we have a REST API using custom headers for Authentication
- Goal here is to mimic a legacy application
 - This is not a recommended approach for Authentication
- Legacy Application sending API key and API Secret in HTTP Headers
- Create a Spring Security filter for this legacy Authentication
 - Extend Spring Security's `AbstractAuthenticationProcessingFilter`
 - Configure Spring Security to use Custom Filter



