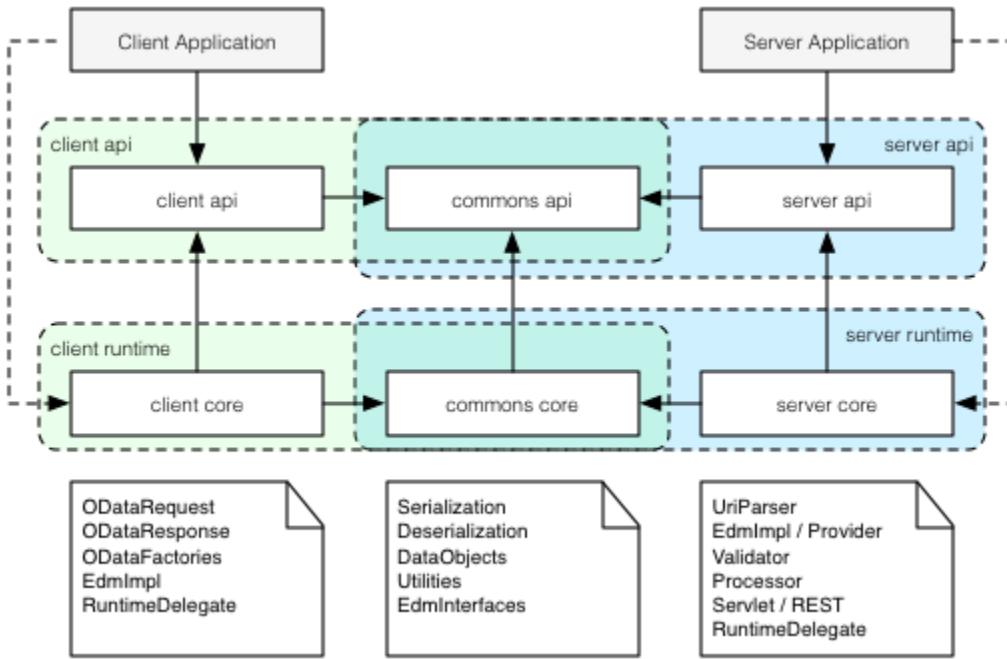


# Olingo Module Proposal

## Module Proposal OData 4.0



### Horizontal

- API
  - required for design time
  - has to change compatible
  - less dependencies (down to zero)
  - interfaces, abstract classes, simple beans, exceptions
  - runtime delegation
- Core
  - required for runtime
  - implementation classes
  - internal api
  - change implementation without breaking the api
  - defines 3rd party dependencies

### Vertical

- Client
  - request/response handling
  - client edm implementation
  - runtime delegate
- Commons (used by client and server)
  - serialization
  - deserialization
  - data objects (interfaces and implementation)
  - utilities
  - edm (interfaces)
- Server
  - uri parser (ANTLR)
  - edm implementation and provider
  - edm validator
  - request handler
  - dispatcher
  - processor interfaces
  - servlet / REST access point
  - runtime delegate

### Proposed Package Names

- org.apache.olingo.odata4.client.api.\*

- org.apache.olingo.odata4.commons.api.\*
- org.apache.olingo.odata4.server.api.\*
- org.apache.olingo.odata4.client.core.\*
- org.apache.olingo.odata4.commons.core.\*
- org.apache.olingo.odata4.server.core.\*

## Current Modules

