

The Atom Publishing Protocol

AtomPub

Will Teach You REST & HTTP

Again

HTTP Verbs

- GET
- POST
- PUT
- DELETE

AtomPub Workflow

1. GET Service URL => `<app:service>`
`app:workspace+(app:collection+)`
2. POST `<xml>` | BIN to a collection
`<atom:entry>` with edit URI => 201
3. PUT `<atom:entry>` to edit URI
`<atom:entry>` (update entry, if lucky)
4. PUT `<xml>` | BIN to `edit-media` URI
200 Ok
5. GET edit URI => `<atom:entry>`
6. GET `edit-media` URI => `<xml>` | BIN
7. DELETE to edit URI => 200 Ok (or not)

Hipness

1. `<atom:entry>` can contain arbitrary stuff (think RDF!)
2. Learn ETags and the `If-Match:` header
3. Use the `Location:`, `Slug:` header
4. Real, persistent URIs for Resources
5. Defined in RelaxNG