RIP   http://rip.jit.su
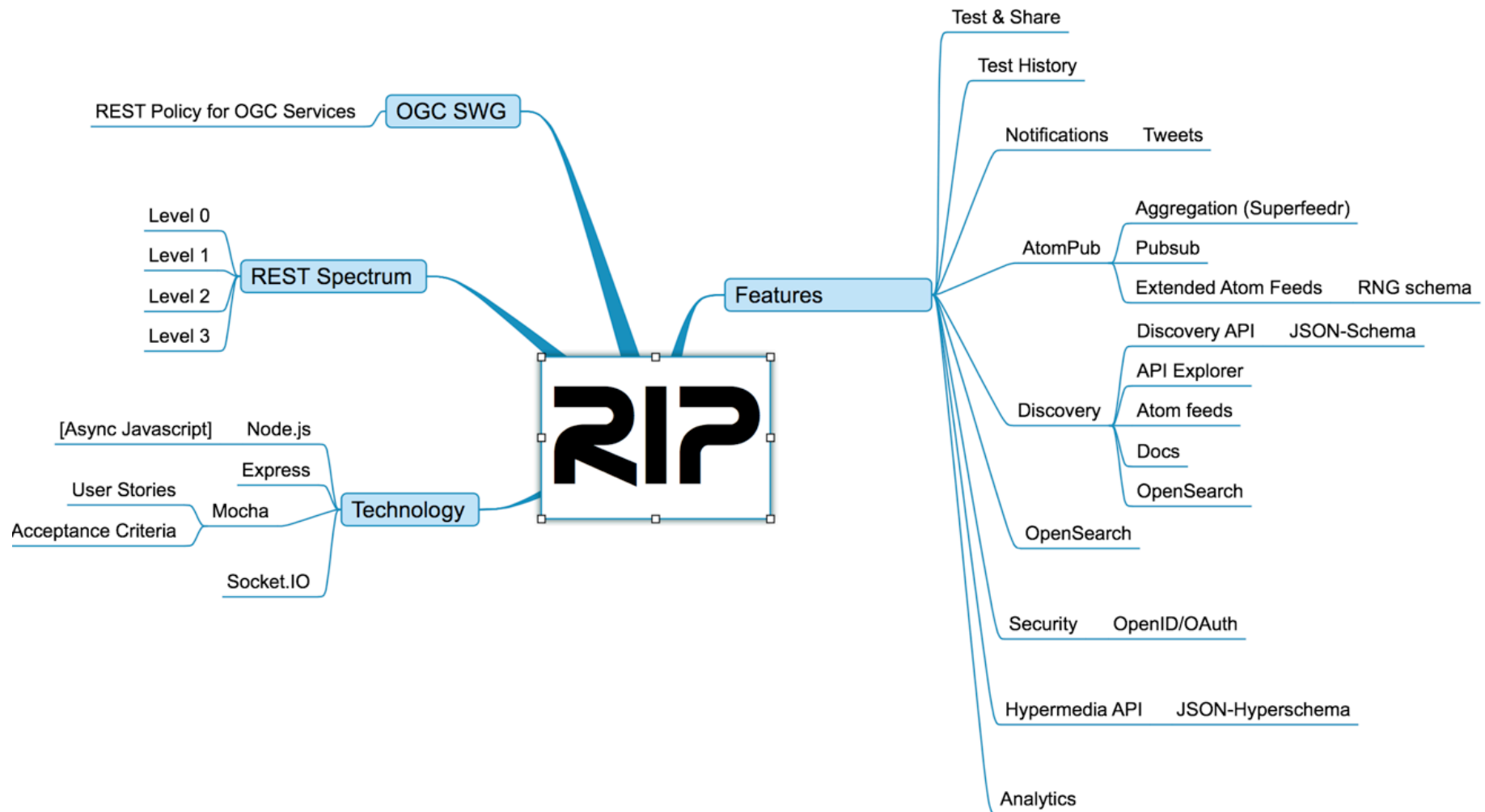
- **RESTFul** Definition Frustration?

- What REST Are You Aiming For?

- RIP is About:

  - User Stories

  - Acceptance Criteria

  - Analysis/Evaluation

Mind Map

Getting Started...

Test RESTful Service Richardson Maturity Level 3

- *Resources describe their own capabilities and interconnections*
- *WWW, Atompub, Netflix, Launchpad...*

| Level 0 | Level 1 | Level 2 | **Level 3** |

Enter URL: `http://radarsat.geobliki.com`   Options: `http://radarsat.geobliki.com` ⬍

With Selected Preferences:

Service Discovery: `Google Discovery API` ⬍

☑ Uses OpenSearch

☑ Uses Atom Protocol for Data Feeds

☑ Extends Atom Feeds using `GData 2.0` ⬍

☑ Extends JSON using `Siren` ⬍

`Submit`

Enter End Point URL To Evaluate

Get Your Evaluation...

Testing: http://radarsat.geobliki.com

Tests
started
✓ should complete with no errors 0ms

End Point
is valid and available
✓ should be up and running 165ms

Landing Page
uses HTML5
✓ should use the html5 namespace 1ms
has links to Discovery Documents in Head
✓ should contain a link to Discovery API Document 1ms
✓ should contain a link to OpenSearch Document 1ms
✓ should contain a link to API Explorer 1ms
✓ should contain a link to Documentation 0ms
✖ should contain a link to an atom feed

```
atom feed link not found
```

Testing: http://radarsat.geobliki.com

Tests
  started
    ✓ should complete with no errors 0ms

End Point
  is valid and available
    ✓ should be up and running 165ms

Landing Page
  uses HTML5
    ✓ should use the html5 namespa 1ms
  has links to Discovery Documents in Head

Click Here To View User Story

    ✓ should contain a link to Discovery API Document 1ms
    ✓ should contain a link to OpenSearch Document 1ms
    ✓ should contain a link to API Explorer 1ms
    ✓ should contain a link to Documentation 0ms
    ✗ should contain a link to an atom feed (view source)

Click Here To View Acceptance Criteria

```
atom feed link not found
```

```javascript
var head = $('head');
    var link = head.find('link[type=application/atom+xml]')
    if( link && link.length>0) {
      debug("atom_feed_href:"+link.attr('href'))
      done();
    } else {
      throw new AssertionError({'message':"atom feed link not found"});
    }
```

User Story Example

Links to Discovery Documents in Head

As an External Application
I want to find links to the various Discovery Documents
So that I can understand API

> *rationale* This allows an external application to get knowledge information regarding the service

Acceptance Criteria

Given the available web service endpoint

When I access the page
Then I can find a link to the API discovery document
And I can find a link to the OpenSearch document
And I can find a link to the API Explorer document
And I can find a link to the Documentation root
And I can find a link to an atom feed

Click Here To View All
Current Stories

THANK YOU

OpenGeoSpatial Standards Working Group for RESTful Policy

- **We Need** Your Feedback for More (or Better) Evaluation Rules

- **We Need** to Evaluate More Level 3 Services

Clone it or Fork It:

https://github.com/cappelaere/rest_stories

https://github.com/cappelaere/rip