

# 2017-04-06 DSpace 7 UI Working Group Meeting notes

## Date

06 Apr 2017

## Angular meeting

### Attendees

- [Art Lowel \(Atmire\)](#)
- [Giuseppe Digilio \(4Science\)](#)
- [Nelson Torres](#)
- [Matteo Perelli](#)
- [Terrence W Brady](#)

### Notes

- Config PR
  - [William Welling's](#) opaque config PR has been merged: <https://github.com/DSpace/dspace-angular/pull/82>
  - The GlobalConfig object should now be injected like a service, as you can see here: <https://github.com/DSpace/dspace-angular/blob/master/src/app/app.component.ts#L34>
  - Note that the Inject annotation will no longer be required in angular 4, OpaqueTokens will be deprecated and replaced with InjectionTokens
    - InjectionTokens are basically OpaqueTokens that take care of the Inject annotation for you
  - There is also an interface for config properties now: <https://github.com/DSpace/dspace-angular/blob/master/src/config.ts#L12>
  - That means we can use type checking for it, but also that you should add new config options to this interface as well as the default config.
- RestServices
  - [Art Lowel \(Atmire\)](#) has continued work on related and embedded resources in rest responses.
  - In the course of that he's refactored the request reducer
  - You used to need a separate action for each type of request to the rest api.
    - For example you had a FindAll action and a FindById action, and each of those would represent that Find action for every endpoint.
  - Now every kind of request will be wrapped in an ExecuteRequest action.
  - That action can be configured by the data services,
  - So to add a new kind of request for an endpoint you should no longer need to touch any of the ngrx objects, you can do it at the level of the service.
  - This change was necessary to enable us to support fetching resources in the HAL links sections in rest responses
- Simple Item Page
  - Lotte from Atmire is working on the simple item page
  - Metadata sections are done, currently blocked on the file section, because the relationship work in the rest api isn't complete
- Angular 4
  - There's an issue on the ng-bootstrap github for the upgrade to angular 4: <https://github.com/ng-bootstrap/ng-bootstrap/issues/1439>
    - In the issue it is mentioned that the current ng-bootstrap version should work with angular 4 but will likely show deprecation warnings.
  - Ngrx: a number of people asked on github about an update, but no news yet from the core developers.
  - There's also no update yet for the angular-starter project.

## REST meeting

### Attendees

- [Terrence W Brady](#)
- [Art Lowel \(Atmire\)](#)
- [Nelson Torres](#)

### Notes

- In the absence of [Andrea Bollini \(4Science\)](#) the meeting was led by [Terrence W Brady](#)
- Additional brainstorming PR: <https://github.com/DSpace-Labs/Rest7Contract/pull/7>
  - not necessarily in sync with the mock rest responses as of yet
  - it's about objects that can be initialized both from solr or the database, but still can be returned to the client in the same structure
- A PR for the function of returning top-level communities: <https://github.com/DSpace/DSpace/pull/1686>
  - [Art Lowel \(Atmire\)](#) said that in the angular UI the assumed approach was to call the /communities endpoint without a scope ID. If you provide the ID of a parent community in the scopeID parameter (e.g. /communities?scopeID=6735) you get the direct descendants of that community, if you leave it out, you get the top-level communities.

- A PR about the projection parameter: <https://github.com/DSpace/DSpace/pull/1688>
  - projections define a subset of metadata
  - we don't want a projection to trigger a cascade of requests.