

DMI: Technical Roadmap

Goals

- Have a publicly available guide for consuming menu data from Drupal
 - Phase 1: Drupal.org standard docs pages
 - Phase 2: Docs using a specialized tool on Drupal.org
- Have demonstrated the use of GitLab CI on Drupal.org to publish and test a JavaScript package
- Identify pain points of consuming menu data
- Identify different kinds of links and how we recommend they be consumed
 - E.g. Log in/out
- Have committed patches providing menu links in JSON:API responses
 - Either in Drupal core or a stable contrib module

Obstacles

As of 26 January these items prevent the DMI from achieving its goals:

- Drupal.org does not have a project type intended to host JavaScript packages
- Drupal's GitLab implementation does not have GitLab CI enabled
- Not all menu links are consumable via JSON:API
- JSON:API does not check link access
- Decoupled multilingual menus have unknown behavior

Plan

- Work with the Drupal Association to create a project type which can host a JavaScript package by **DONE!**

- Work with the Drupal Association to enable GitLab on the JS project by:
DONE!
- Create a repository on GitHub (later to be moved to drupal.org) **DONE!**
- Add a “hello, world!” test to the repository by: **[? 2021-02-02]**
- Agree to approach for adding links to JSON:API responses by: **DONE!**
 - Issue: [Decide on an API response format for menu data](#)
- Commit patch to remove inaccessible links from JSON:API responses by:
DONE!
 - Issue: [JsonApiResource\Link objects with inaccessible target urls should not be normalized](#)
- Allow header-based content negotiation to unify HTML & API URLs by: **[? 2021-02-19]**
 - Issue: [Enable header-based proactive content negotiation with optimizations and opt-outs available.](#)
- Serve JSON:API responses from canonical entity URLs by: **[? 2021-03-12]**
 - Issue: TBD
- Allow site builders to configure which menus are available on which JSON:API responses by: **[? 2021-02-12]**
 - Issue: [Add the ability to configure which responses have menu links added to them](#)
 - Issue: [\[PP-1\] Add menu links to JSON:API responses based on configured conditions](#)
- Add a tested function to the JS project which can parse menu links out of a JSON:API response into a tree structure by: **[? 2021-02-19]**
 - Issue: TBD
- Move the JS git repository to Drupal.org by: **[? 2021-02-23]**
- Run the JS project's test using GitLab CI by: **[? 2021-02-23]**
- Make JSON:API Navigation into a full project OR create a core patch by:
DONE!