

Atlassian & DAFNI

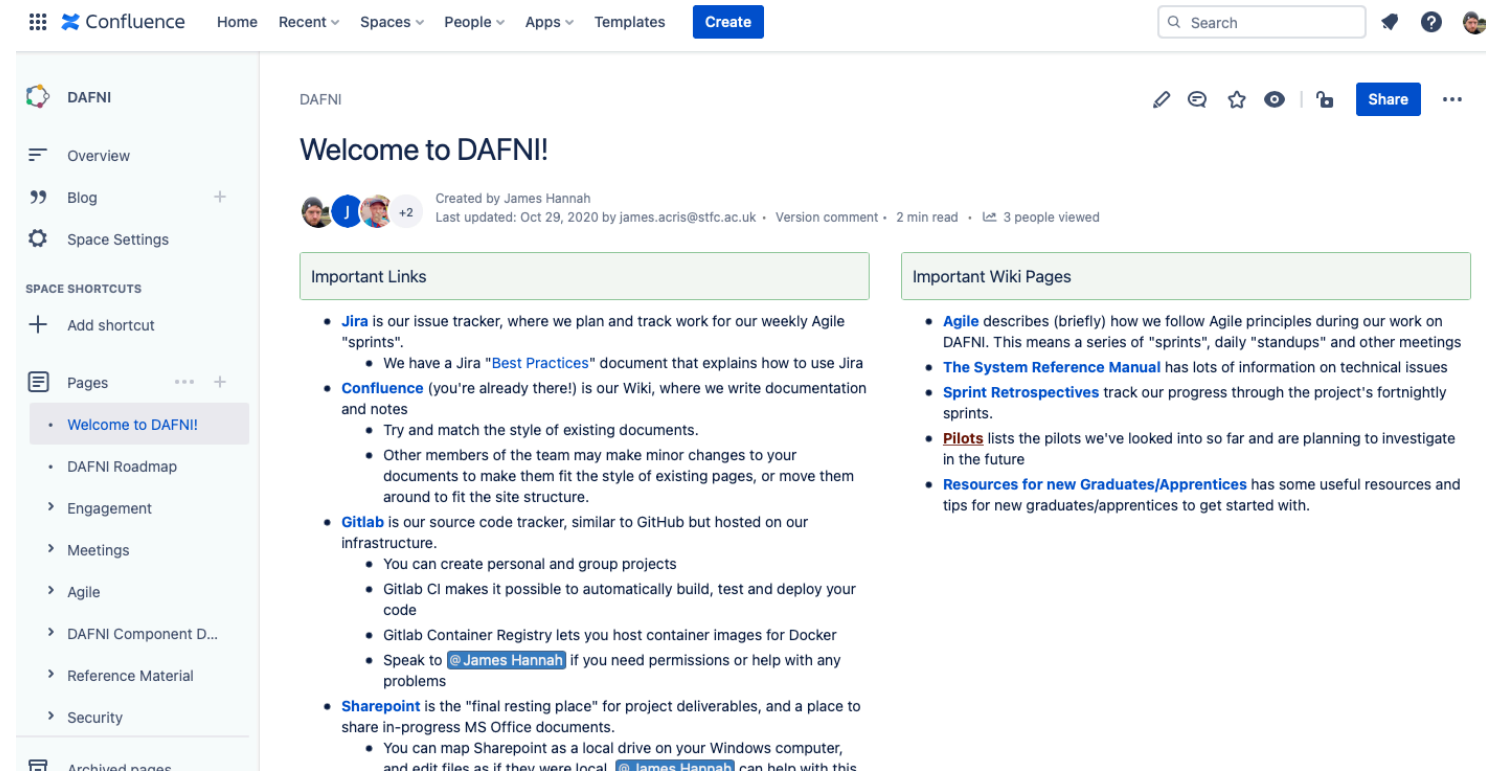
James Hannah - Systems Team Meeting, June 2022

DAFNI uses Atlassian for...

- Software development (“Agile”)
- Internal Documentation
- ...**NOT** System Support, Asset Catalogue, Service Mgmt (yet)

Project documentation (Wiki)

- We've used this as our wiki since the start of the project
- Management of the hierarchy is required



The screenshot shows a Confluence Wiki page for a space named "DAFNI". The page title is "Welcome to DAFNI!". It was created by James Hannah and last updated on Oct 29, 2020. The page features two main sections: "Important Links" and "Important Wiki Pages".

Important Links:

- **Jira** is our issue tracker, where we plan and track work for our weekly Agile "sprints".
 - We have a Jira "**Best Practices**" document that explains how to use Jira
- **Confluence** (you're already there!) is our Wiki, where we write documentation and notes
 - Try and match the style of existing documents.
 - Other members of the team may make minor changes to your documents to make them fit the style of existing pages, or move them around to fit the site structure.
- **Gitlab** is our source code tracker, similar to GitHub but hosted on our infrastructure.
 - You can create personal and group projects
 - Gitlab CI makes it possible to automatically build, test and deploy your code
 - Gitlab Container Registry lets you host container images for Docker
 - Speak to [@James Hannah](#) if you need permissions or help with any problems
- **Sharepoint** is the "final resting place" for project deliverables, and a place to share in-progress MS Office documents.
 - You can map Sharepoint as a local drive on your Windows computer, and edit files as if they were local. [@James Hannah](#) can help with this

Important Wiki Pages:

- **Agile** describes (briefly) how we follow Agile principles during our work on DAFNI. This means a series of "sprints", daily "standups" and other meetings
- **The System Reference Manual** has lots of information on technical issues
- **Sprint Retrospectives** track our progress through the project's fortnightly sprints.
- **Pilots** lists the pilots we've looked into so far and are planning to investigate in the future
- **Resources for new Graduates/Apprentices** has some useful resources and tips for new graduates/apprentices to get started with.

Confluence Thoughts

- It's a pretty good wiki
 - Looks fairly good, editor isn't bad, search is good
- The markup is a bit weird
 - Markdown-ish
 - [Pandoc](#) can convert to/from the special markdown it uses
- Permissions/access control system is good (per space, page...)
- Centralising in a few common department spaces will be good
- Like any wiki - who sets the rules?

Agile (Scrum) Software Development

- Semi-formal project management
- Tasks organised into sprints
- Move from left-to-right as they change status (to do, in progress, blocked, peer review, done)
- Cleared during a periodic sprint review meeting
- Definitely more focused to ongoing project work than service delivery

Projects / DAFNI V2 / Core board

Current - Carth Onasi

0 days remaining Complete sprint

Search this board

No Team Current Sprint Overview Only My Issues Recently Updated Insights

TO DO	IN PROGRESS	BLOCKED	PEER REVIEW	DONE
<p>CORE-2253 Implement GTFS sche...</p> <p>Get google maps API key</p> <p>2</p> <p>C...-2260</p>	<p>Process daily update files into main database</p> <p>Rail Data Ingestion</p> <p>8</p> <p>...-2261</p>	<p>Create base accounting API with the models to be used for accounting</p> <p>Workflow scheduling and ...</p> <p>3</p> <p>...-2215</p>	<p>Write code to import a Workflow definition to DrawFlow</p> <p>Workflow F/E Improvement</p> <p>5</p> <p>...-2198</p>	<p>Write code to export from DrawFlow to Workflow Definition</p> <p>Workflow F/E Improvement</p> <p>5</p> <p>...-2197</p>
<p>CORE-2261 Process daily update f...</p> <p>Write data into postgres db without changing historic data</p> <p>2</p> <p>C...-2264</p>	<p>Convert update data into gtfs-formatted data frames</p> <p>10</p> <p>-2263</p>	<p>Add a tick box for copying permissions when uploading a new version of a model /</p> <p>Version Permission Casca...</p> <p>3</p> <p>CORE-1729</p>	<p>When adding a step to the DrawFlow canvas it appears under users cursor</p> <p>Workflow F/E Improvement</p> <p>1</p> <p>...-2190</p>	<p>DrawFlow canvas should work for adding Parameter Values to Parameter Sets</p> <p>Workflow F/E Improvement</p> <p>5</p> <p>...-2199</p>
<p>Validate GTFS created from updates is same as from a later full feed</p> <p>1</p> <p>C...-2265</p>	<p>Create central ingestion API</p> <p>Monitoring and Alerting</p> <p>5</p> <p>...-2273</p>		<p>Convert workflow execution code to use step dependencies and step IDs</p> <p>Workflow F/E Improvement</p> <p>5</p> <p>...-2186</p>	<p>Reorder workflow/param sets creation</p> <p>Workflow F/E Improvement</p> <p>3</p> <p>...-2196</p>
	<p>Catalogue does not return the latest metadata version</p> <p>DAFNI Bugs</p> <p>2</p> <p>...-2278</p>		<p>Add an endpoint in the NIMS which stops an Argo workflow</p> <p>Workflow Cancellation</p> <p>3</p> <p>...-935</p>	<p>SPIKE: Decide what approach to use for downloading + transforming CIF files</p> <p>Rail Data Ingestion</p> <p>1</p> <p>...-2249</p>
	<p>Fix: Incorrect metadata version note</p> <p>DAFNI Bugs</p> <p>2</p> <p>...-2281</p>		<p>Create a basic custom k8s scheduler that can be adapted to schedule based</p> <p>Workflow scheduling and ...</p> <p>5</p> <p>...-2218</p>	<p>Write decision document</p> <p>1</p> <p>←-2267</p>
	<p>Add a button to the front end to delete a param set</p> <p>Technical Debt</p> <p>2</p> <p>...-2238</p>		<p>SPIKE: Investigate the use of</p>	<p>CORE-2261 Process daily update f...</p> <p>Read in relevant data from cif update file</p> <p>3</p> <p>←-2262</p>
	<p>Add a button to the front end</p>			

TO DO 3

As a user I want a notification service that actually works and does something so I can see when things happen on the platform without having to watch

Fix Notification Service

4

OCLIM-46

As a model consumer I want to be able to have my

IN PROGRESS 0

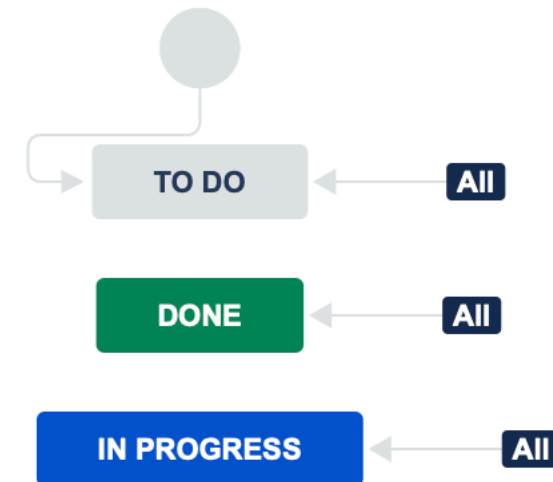
DONE 0

We're only showing recently modified issues.

Looking for an older issue?

Jira Thoughts

- It's way better than Trello
- Lots of view options other than “scrum” (simple task lists, kanban, etc)
- A million options for everything imaginable
 - Fields, status, forms, workflows, rules, ...
- Can bi-directionally link to Gitlab, Confluence, Slack



Future: Service Management?

- Yet to explore...
- **Public** Knowledgebase + Incident Reporting / Support Form
- Queues, Incidents, Alerting, Change Management, Post Mortems
- Slack Support
 - Already “working”
 - Replies + Assignment
- Web page chat form?

The screenshot displays a web-based help center for the DAFNI Facility. The main content area is titled "Help Center / DAFNI Facility" and includes a welcome message: "Welcome! You can raise a request for DAFNI Facility using the options provided." Below this, there is a "Contact us about" section with four expandable categories: "Common Requests" (Request a new account), "Logins and Accounts" (Fix an account problem), "Applications" (Service Issue, Request new software, Report a system problem, Request a change), and "Servers and Infrastructure" (Service Issue, Report a system problem, Report broken hardware, Request a change). To the right, a "Help" sidebar is visible, containing a "Summary" field, a "Description" text area, and several optional dropdown menus for "Change type", "Impact", "Urgency", and "Change risk". The interface is powered by Jira Service Management.