

Europe PMC Roadmap - April to June 2017

Mission: "To build open, full text scientific literature resources and support innovation by engaging users, enabling contributors, and integrating related research data."

Europe PMC Objectives	In progress	Planned Apr-Jun 2017 ¹	Considering for Jul-Sep 2017 ²
High performance service, continuous improvements	<ul style="list-style-type: none"> Improve API documentation using Swagger.io 50% Set up Google group for API developers 100% Improve indexing workflow 5% Improve quality of citations network 5% Planning for benchmark usability testing 100% 	<ul style="list-style-type: none"> Upgrade to new ORCID API v2.0 40% Structure response from ORCID claiming tool to display journal name on ORCID record Add dump of supplementary files and figures to FTP site 80% Appoint external agency to conduct benchmark usability testing 100% 	<ul style="list-style-type: none"> Switch query expansion (synonyms) on/off from search bar Update Agricola content loader to handle source file format changes Add dump of citation network data to FTP site
Full text search/view mechanisms	<ul style="list-style-type: none"> Investigation into displaying text snippets from abstract/full text, containing user's search term, in search results 80% 	<ul style="list-style-type: none"> Design new layouts for key search/abstract/article pages and conduct usability testing 25% Prototype text snippets in search results and conduct usability testing to get feedback 20% Improvements to make query handling smarter, based on user research findings 20% Publication date filter on search results page 100% NEW! 	<ul style="list-style-type: none"> Prototype display of figures on abstracts
Tools and approaches to support literature-based workflows	<ul style="list-style-type: none"> Creation of outreach materials 60% Community engagement planning ongoing Suggest author profiles at the top of author search results 100% 	<ul style="list-style-type: none"> Planning for webinars (May, June) 100% Prototype a widget to embed author profile chart in 3rd party institution pages User survey 50% NEW! 	
Platform for innovation	<ul style="list-style-type: none"> Create API module to access cross links between articles and data 50% Participation in BioCreative text mining challenges 	<ul style="list-style-type: none"> Specification and prototype of SciLite API 50% Improvements to SciLite annotations UI based on usability testing (including nesting unique terms under checkboxes) 100% 	<ul style="list-style-type: none"> Create SciLite annotations API
Integrate manuscript submission and related services	<ul style="list-style-type: none"> Delete user account function 100% 		

¹ Some work currently in progress may continue into the 2nd quarter of 2017. Work started in the 2nd quarter may extend into the 3rd quarter.

² The roadmap indicates what we plan to work on in the 3rd quarter of 2017, although this may change depending on other priorities, user research and changes to requirements.

Completed - January to March 2017

Europe PMC Objectives

Released/completed Jan - Mar 2017

■ High performance service, continuous improvements

- Implementation of MongoDB to improve speed of content retrieval from the database
- Improved web analytics/event tracking
- Annual MEDLINE content update
- Improved processing of citation network
- Improved server monitoring
- Tidied up journal names list
- Improved display of author affiliations on abstracts
- Abstract displayed for searches returning a single result
- Comments and corrections displayed on abstracts
- Fixed grant finder search bugs
- Literature-data cross links made available on FTP site
- Update DOI display in line with CrossRef guidelines
- Add AUTH_MAN field to web services

■ Full text search/view mechanisms

- Added small sample of preprints to Europe PMC, as a proof of concept
- User research to identify user needs for searching/viewing content

■ Tools and approaches to support literature-based workflows

- Added citation graphs to abstracts

■ Platform for innovation

- Added new annotations: gene disease relationships, gene mutations and protein-protein interactions
- Mechanism for precision linking between data resources and the literature (direct links to specific terms or phrases, within the full text of Europe PMC articles)

■ Integrate manuscript submission and related services

- Merged sign in and user accounts for PMC Plus (manuscript submissions) and Europe PMC (saved searches)
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