

# Browse v0.1

## Browse version 0.1

**Start date:** 27 Sep 2017 ; **release date:** 22 Oct 2018

**Source code:**

<https://github.com/cul-it/arxiv-browse/releases/tag/0.1>

A reimplementation of the classic arXiv abstract (/abs) page as python/Flask application with minimal design changes. The application integrates with the existing database and network filesystem.

## Features

The following list of features reproduces the features in the classic /abs implementation:

- Author parsing and search link generation
- Collapse display of large author lists
- Support URL filtering on metadata fields
- RDF tag generation
- Resolve group/archive/category names where needed from taxonomy defined in arxiv-base
- Ensure correct canonical / non-canonical category display
- Submitter "view email" link generation
- Support TeXism conversions
- Support handling deleted papers
- Implement additional query parameters for /abs
- Extra services: generate download links in full-text links section of page
- Extra services: license linking
- Extra services: browse context links
- Extra services: ancillary files
- Extra services: trackbacks section
- Extra services: references and citations section (INSPIRE, ADS)
- Extra services: bookmarks section
- Extra services: citation meta tags

## Other

- Cache control headers for abs page
- URLs for resources that might be accessed from multiple repos of arxiv-ng
- Replace clickthrough (/ct) route
- Logging support

## Changes from Classic

There are several minor changes from the classic /abs page display:

- The submitter name shown on the "From:" line now reflects the submitter name from the version being viewed; classic only displayed the submitter name from the latest version
- UTC is now used instead of GMT in the date line
- The enigmatic, single-character format codes are now omitted from the date line; in classic these appeared after the source file size parenthetical