

Introducing Trove API v2.1

Trove's back end infrastructure has been upgraded and we have now released Trove API v2.1. There is new content, new functionality, and some changes in the way you make calls. This document is a brief guide to what we've changed and why.

Key changes to the way you interact with the API:

- **Added:** Place facet
This new facet allows you to limit your results by Australian state and also contains a number of Australia's near International neighbours. Previously only available in the Newspapers & Gazettes zones it's been extended to most other zones. Place is the geographic region the item is about (geographic coverage) i.e.
https://api.trove.nla.gov.au/v2/result?key=<YOUR_KEY>&zone=picture&q=post+office&I-place=Australia%2FTasmania
- **Added:** Title facet
You can now to limit to a journal/magazine/newsletter title in the Journals zone, similar to previous functionality only available in the Newspapers & Gazettes zones. The text of the journal title is used as the limit i.e.
https://api.trove.nla.gov.au/v2/result?key=<YOUR_KEY>&zone=article&q=post+office&I-title=Pacific+islands+monthly+%3A+PIM
- **Added:** Word Count facet
Limit your article results by the number of words it contains. This was previously only available in the Newspapers & Gazettes zones, it has now been extended to the Journals zone i.e.
https://api.trove.nla.gov.au/v2/result?key=<YOUR_KEY>&zone=article&q=post+office&I-wordCount=100+-+1000+Words
- **Added:** Illustration Type facet
Within the Journals zone you can now limit your results to the type of image that was included in a journal/magazine/newsletter article i.e.
https://api.trove.nla.gov.au/v2/result?key=<YOUR_KEY>&zone=picture&q=post+office&I-illustration=Cartoon
- **Added:** Austlang index
The aust_language index exposes the Aboriginal and/or Torres Strait Islander language and [Austlang](#) code as a search field, improving Trove's ability to surface Australian First Nations material i.e.
https://api.trove.nla.gov.au/v2/result?key=<YOUR_KEY>&s=*&zone=book&q=aust_languag e%3A%22Warlpiri+%28C15%29%22
- **Added:** Full text indicator index
Locate items that include full text in Trove that you can access directly in the API record, particularly digitised books and journal articles i.e.
https://api.trove.nla.gov.au/v2/result?key=<YOUR_KEY>&s=*&zone=article&q=Kempsey+sc hool+fullTextInd%3Ay

- **Added:** Funder index
Items as a result of grants from Australian funders the Australian Research Council (ARC) and National Health and Medical Research Council (NHMRC) can now be located directly i.e.
https://api.trove.nla.gov.au/v2/result?key=<YOUR_KEY>&s=*&zone=article&q=asthma+funder%3ANHMRC
- **Added:** Image indicator index
Narrow down to just those photos or maps that have a live thumbnail by using the new imageInd index. You can also narrow down to items with larger image sizes by instead requesting viewcopy i.e.
https://api.trove.nla.gov.au/v2/result?key=<YOUR_KEY>&s=*&zone=picture&q=post+office+imageInd%3Athumbnail
- **Added:** Rights index
Creative Commons and Rights Statements are now specifically searchable, using the rights index. The searchable statements are available on the [Licensing and Re-use](#) page. Search by using the text value i.e.
https://api.trove.nla.gov.au/v2/result?key=<YOUR_KEY>&s=*&zone=picture&q=Ekka+rights%3A%22Free%2FCC+BY%22
- **Added:** Place of Publication index
Place of publication tells you where the item was actually published (as opposed to what the item is about). You can search with the same values as the Place index i.e.
https://api.trove.nla.gov.au/v2/result?key=<YOUR_KEY>&s=*&zone=picture&q=post+office+placeOfPublication%3A%22Australia%2FVictoria%22
- **Added:** New full text data
Full text from digitised journal articles is now included, rights permitting. This extends the functionality that was previously only available in the Newspapers & Gazettes zones. Check in the //description[@type='open_fulltext'] field. Limit your search to just these articles by using the new fullTextInd index i.e.
https://api.trove.nla.gov.au/v2/result?key=<YOUR_KEY>&s=*&zone=article&q=post+office+fullTextInd%3Ay

For detailed specifications please refer to our [Trove API v2 Technical Guide](#).

Why all the changes?

Trove's existing infrastructure – the hardware and software which underpins all of Trove, is being upgraded in stages. In August 2018 the Trove API moved to v2.0 and the much more stable Solr Cloud.

V2.1 opens up access to richer data for API users, particularly the rapidly growing corpus of 1.6 million digitised articles from Australian journals, magazines and newsletters. It also gives API users more comprehensive queries, including limiting to records with a thumbnail – the most requested enhancement in Trove API history.

New 'Place' and 'Title' facets continue to strengthen Trove's focus on Australia and introduce the beginnings of place-based search. These are now also available when searching through Trove's user interface.

Other new indexes lay the foundations that will power the new and improved Trove in 2020, and have been made available to API users prior to that. These include the exciting *aust_language* facet, which allows you to search for Aboriginal and Torres Strait Islander languages.

What Trove's API changes mean for you

If you have created any apps, tools, interfaces or visualisations using the existing Trove API v2 they will continue to work without change.

To access any of the new data, indexes or facets take a look at the [Trove API v2 Technical Guide](#).

If you have integrated with the Trove API v1, you will need to update your code to work with the Trove API v2.1. Access to the existing Trove API v1 is still available, but planning to retire the Trove API v1 is now underway. Access to the original API will cease in November 2019.

Future changes

We plan to continue improving the API in the future, moving to v3 and beyond based on your API survey responses and any other information you share with us.

Feedback

As always, we'd love your feedback on the changes we've made to the Trove API v2.1 or to receive any suggestions for changes you'd like in future versions. Contact us at Trove Support to [send a message to Trove](#).