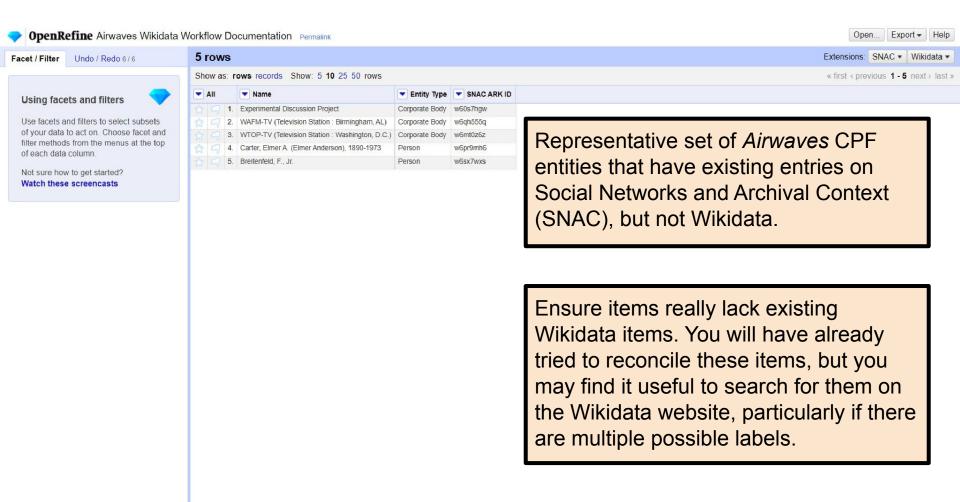
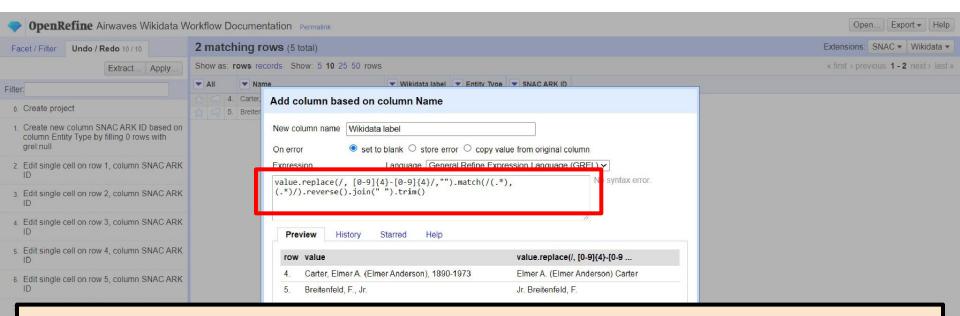
Creating New Wikidata Items with OpenRefine

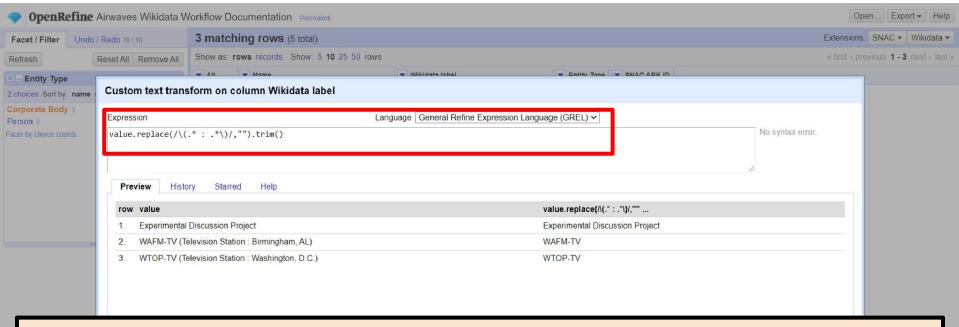
Example: Archival authorities from *Unlocking the Airwaves*Unlocking the Airwaves project





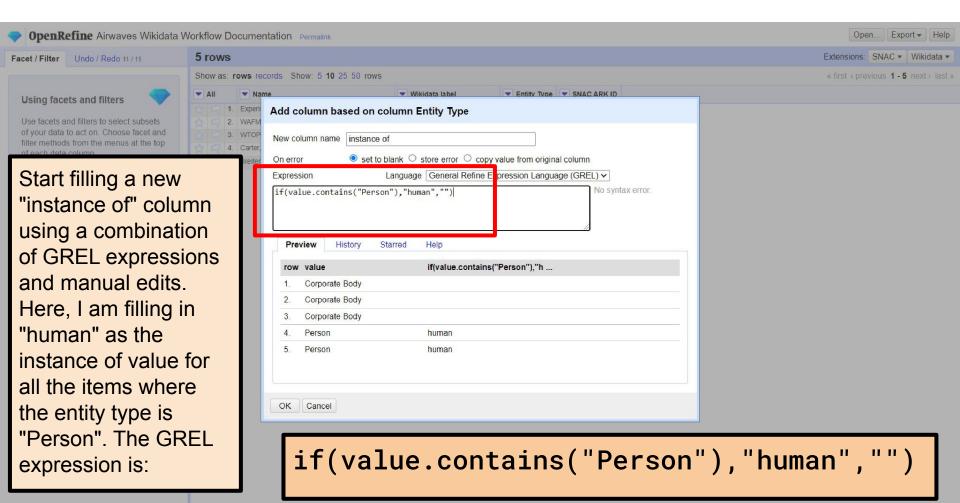
Reserve names to first-last order, remove birth and death dates, and remove/rearrange other name parts, either using GREL expressions or manually. For the names shown here, the expression below is mostly effective (though still requires manual edits).

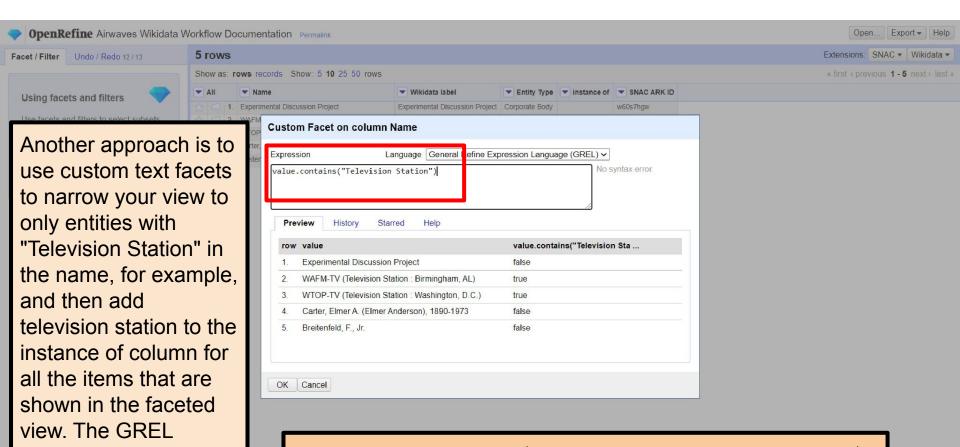
value.replace(/, $[0-9]{4}-[0-9]{4}/,""$).match(/(.*),(.*)/).reverse().join(" ").trim()



Remove corporate body name additions. For radio and television stations, the following GREL expression works:

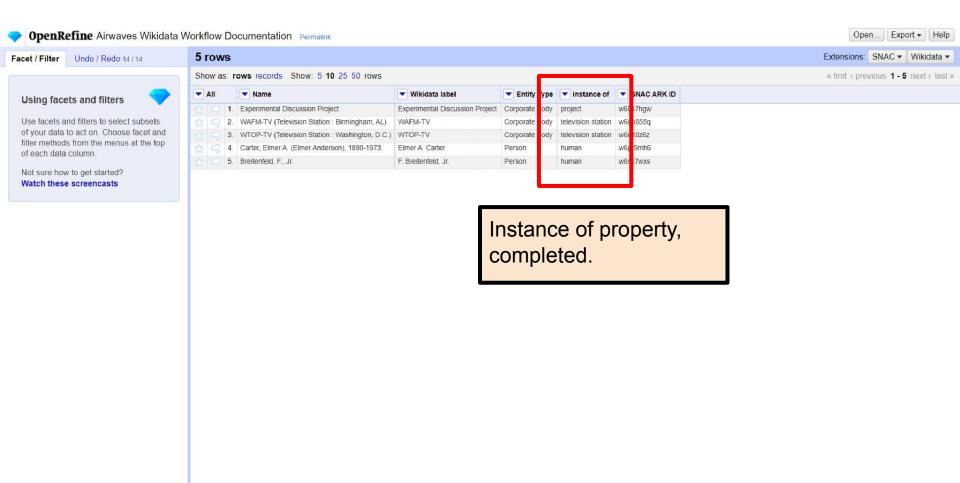
```
value.replace(/\(.* : .*\)/,"").trim()
```





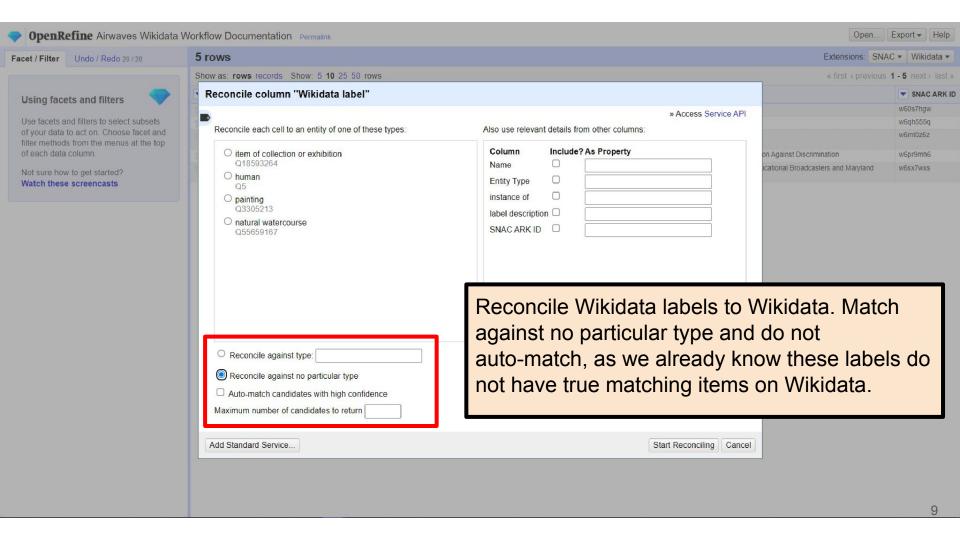
expression for the facet used here is:

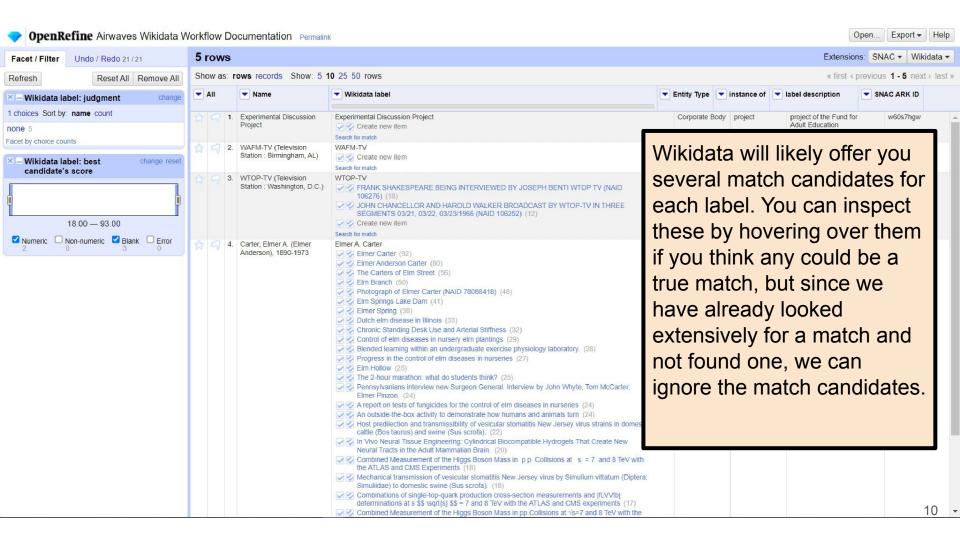
value.contains("Television Station")

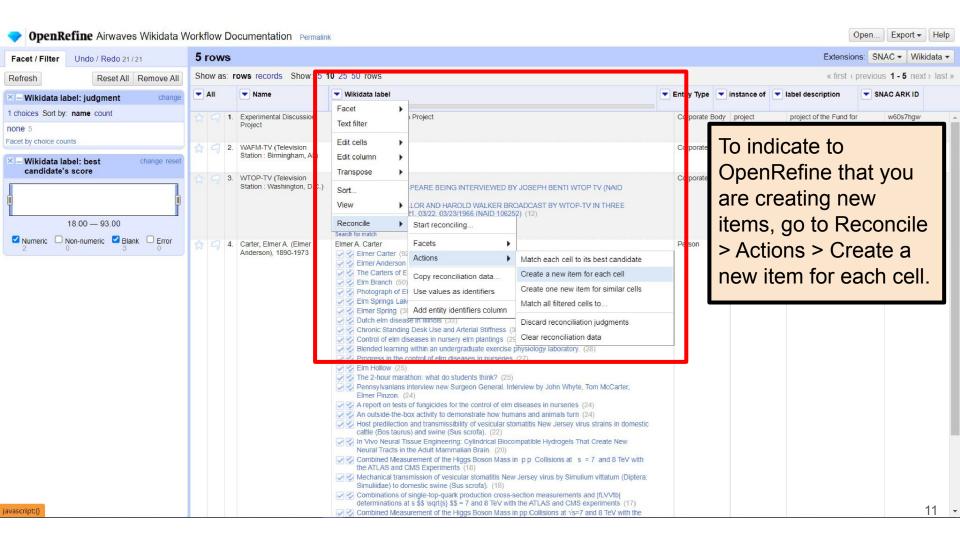


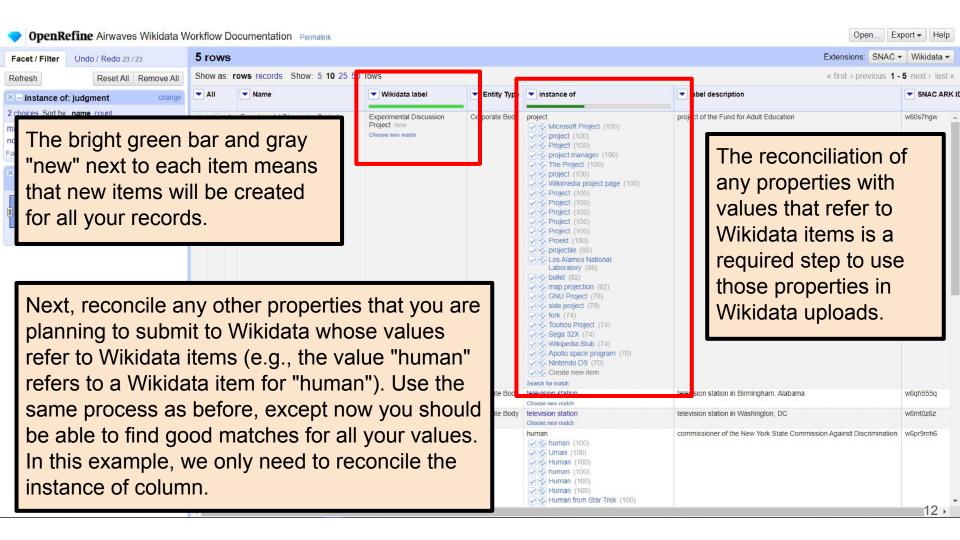


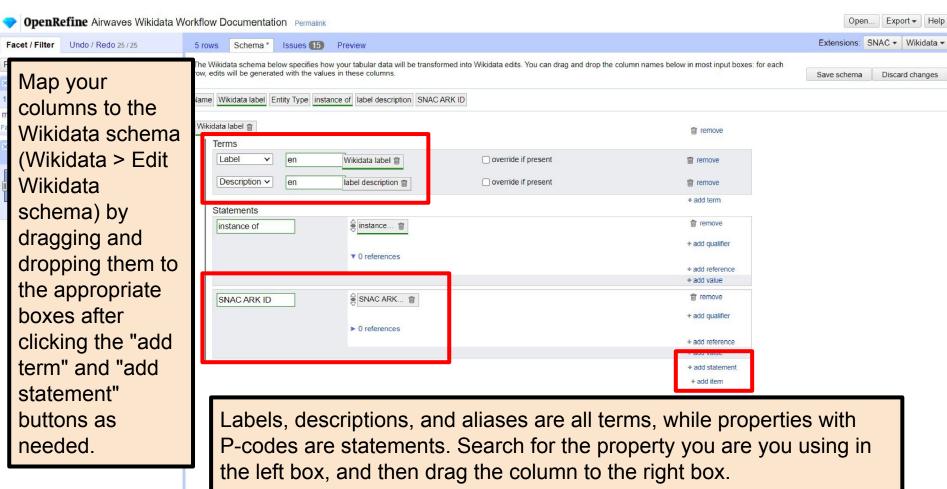
Create brief descriptions for each of your new items. This is the most manual part of the process, as there is not much way to automate it. If your items have SNAC records or other external authority records, like LCNAF, you may be able to copy or generate a description easily from those sources. For *Airwaves*, we also leaned on the primary sources in the collection to create descriptions for some entities.



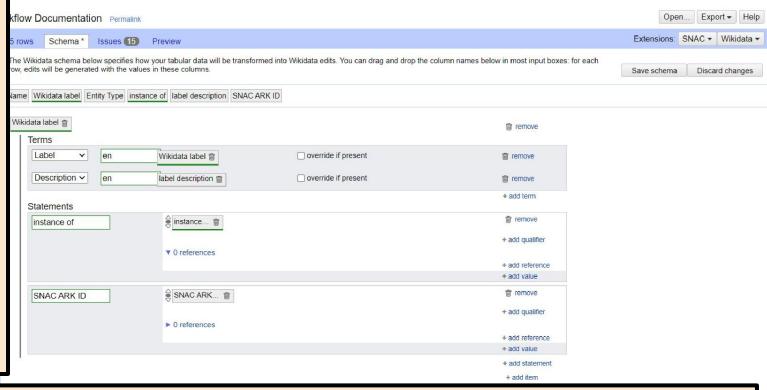








Save the schema, then review the Issues tab. In this example, the issues raised are all due to lack of references. which is okay for the very basic statements being submitted along with the SNAC ARK IDs.



Go to Wikidata > Upload edits to Wikidata and then sign in (you can use a bot password for this). Provide a short description of your edits as an edit summary to be attached to the edit history of all the newly created items. Then, upload your edits, which will take a few minutes.



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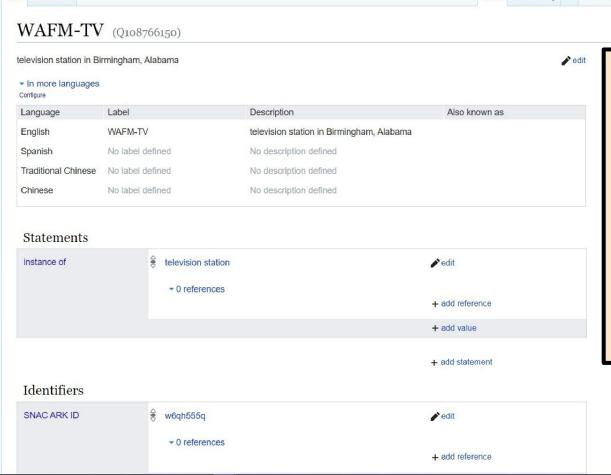
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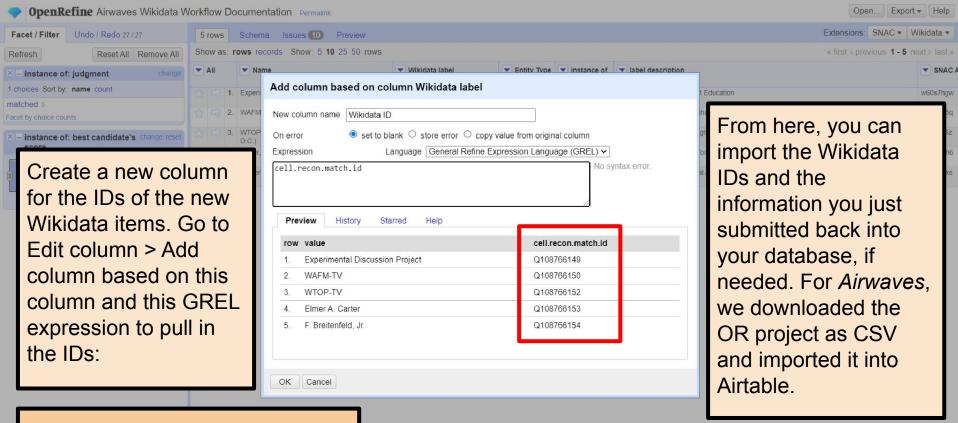


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Tips and concluding notes:

- It can be helpful to test this workflow with a small batch of items first.
- There are ways of undoing batches of edits, if you make an error that is best corrected by reverting the entire batch of edits.
- This demonstration uses OpenRefine Version 3.4.1, so future versions of OR may diverge from the screencaps used here.

Resources:

- Wikidata's OpenRefine editing guides:
 https://www.wikidata.org/wiki/Wikidata:Tools/OpenRefine/Editing
- OpenRefine's Wikidata guides (generalizable to Wikibase):
 https://docs.openrefine.org/manual/wikibase/overview
- EditGroups: https://editgroups.toolforge.org/ (to see the progress of your batch edits and undo them, if need be)
- Creating a bot password: https://www.wikidata.org/wiki/Special:BotPasswords
- OpenRefine GREL reference: https://docs.openrefine.org/manual/grelfunctions