

Open Access / Open Data leads to added value

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chem-bla-ics

Two companies recently showed two things:

- open access and open data allow adding value
- adding value is easier by forking

Rich' [MetaMolecular](#) set up [Chempedia](#) which combines a substructure-searchable chemical [Wikipedia](#). There is also a [page to make links](#) to new Wikipedia monographs. Not sure why Rich chose CAS instead of the InChI, given the recent [controversy on validity of CAS numbers in Wikipedia](#)... realize that this page is for new monograph, of which the CAS number is likely not verified yet, or? On the other hand, the InChI or InChIKey is [not so abundant in Wikipedia yet](#) (I really must make an updated list).

[ChemSpider](#) has been using a similar approach to add value to existing resources. The interesting thing in this case, is that these substructure searchable versions, have an interesting spin off: it allows ChemSpider to build a valuable DOI-InChI table. So far, I spotted:

- [iucr.chemspider.com](#) ([Antony's story](#))
- [molbank.chemspider.com](#) ([Antony's story](#))
- [motd.chemspider.com](#) ([Antony's story](#))

If you wonder how to integrate all data again when things are so distributed, just consider [userscripts](#).