

Oscar text mining in Taverna

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Keywords

Oscar, Taverna

Abstract

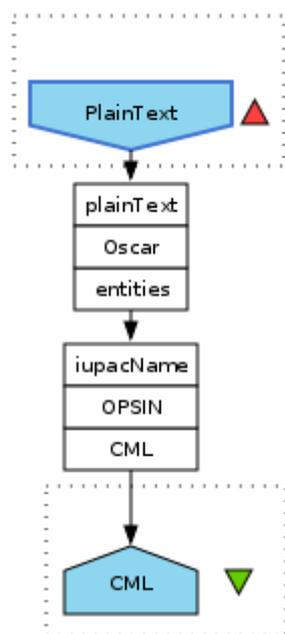
One of the goals of my project in Cambridge is to make Oscar available as Taverna plugin (source code, Hudson build). I have progressed somewhat, but still struggling with getting the update site working.

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chem-bla-ics

One of the goals of my [project in Cambridge](#) is to make [Oscar](#) available as [Taverna](#) plugin ([source code](#), [Hudson build](#)). I have progressed somewhat, but still struggling with getting the update site working. The plugin actually installs into [Taverna 2.2.0](#), but the activities do not show up. While this is work in progress, and the other project goal is refactoring, a current demo workflow looks like:



Example input would be: *This is a list of ethanol, methanol, and 2,4,6-trinitrotoluene.*

The plain text input can be linked to the pdf2text [SADI service](#), and the CML is suitable for the [CDK-Taverna plugin](#), which is currently being updated by Andreas, Achim, and [Christoph](#) for Taverna 2.2. As soon as the update site is properly working, I will upload a demo workflow to [MyExperiment.org](#).

I guess the first next activity (node in the workflow) will be around the dictionaries, as the [OPSIN](#) activity converts only IUPAC names into connection tables. I was told OPSIN parses 97% of the IUPAC names it finds, and when it does, it does almost 100% correct. Want to challenge the code? Use [this web service](#).