

chem-bla-ics

Payed summer jobs in chemoinformatics

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Jmol, Bioclipse

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Last year the Programmeerzomer.nl sponsored one summer student to work on [Bioclipse](#) (see the [announcement](#)). The Programmeerzomer is much like the [Google Summer of Code where I mentor Alexandr](#). However, it is much smaller and oriented at just the [NL area](#): both the student and the mentor needs to be Dutch, but the opensource project does not.

Rob worked last year on a [Ghemical plugin for Bioclipse](#) (see [this interview in Dutch](#)). The architecture for doing calculations (the Compute plugin) is still being used within several other plugins. This year I got assigned two students: one for Bioclipse and one for [Jmol](#).

I have no idea at this moment what ideas the students picked from the lists in the wikis (see the [Jmol project idea](#) and [Bioclipse idea](#) lists). There is a meeting scheduled in the 25th.

The ideas include:

- Jmol
 - a SWT widget for Eclipse RCP-based application
 - [Pharmacophore rendering](#)
 - Support for PDB in XML
 - [Ajax-enabled JavaScript library](#) (for the applet)
- Bioclipse
 - [a validating CML editor](#)
 - [a GROMACS plugin](#)
 - [a sequence editor](#)
 - [webservices over Jabber's XMPP](#)
 - Beanshell and Jython scripting plugins

If you have a suggestion, it would be much appreciated if you can add that to the wiki pages linked above. Make sure to leave a comment to this blog item too, announcing the new idea!