chem-bla-ics

Payed summer jobs in chemoinformatics

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Published June 16, 2007

Citation

Willighagen, E. (n.d.). In *chem-bla-ics*. chem-bla-ics. https://doi.org/10.59350/yt9bg-zdp74

Keywords

Jmol, Bioclipse, Gsoc

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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!