

Context help in Bioclipse

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Jmol, Bioclipse

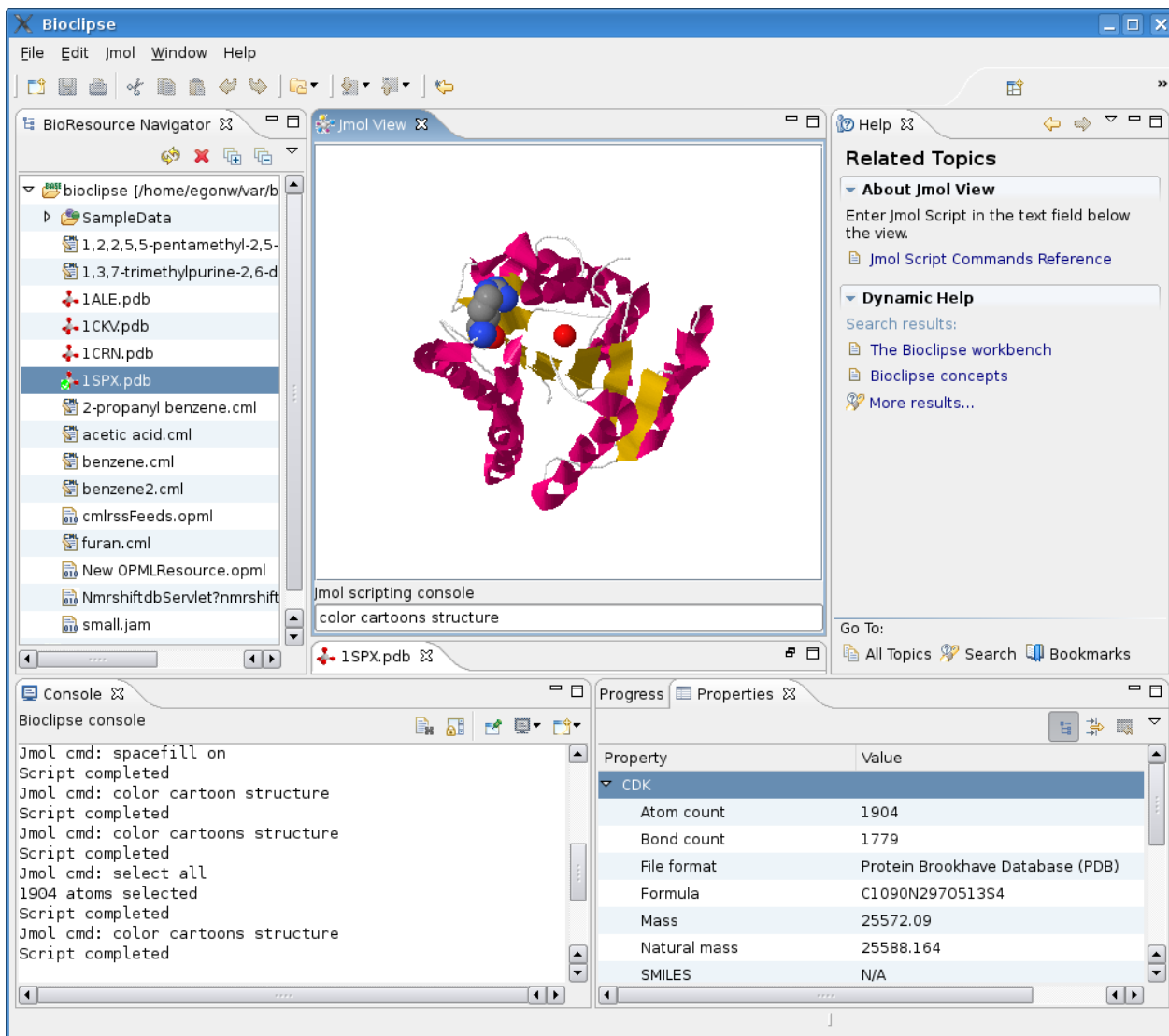
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chem-bla-ics

The [Eclipse Rich Client Platform \(RCP\)](#) is very powerful, and takes a lot of architectural things of your hand when developing a bio- and cheminformatics GUIs. [Bioclipse](#) is based on it. One thing the RCP offers is a Help View which works with plain (X)HTML files, and one neat feature is the context help. It is help shown in the Help View when one focused on a specific GUI element.

As an example, the below figure gives the context help for the JmolView in the [Jmol](#) plugin ([bc_jmol](#)) plugin for Bioclipse:



The screenshot displays the Bioclipse application window. The main Jmol View shows a 3D ribbon representation of a protein structure (1SPX.pdb) with a space-filling model of a ligand. The Help View on the right is open, showing 'Related Topics' and 'Dynamic Help' sections. The 'Dynamic Help' section displays search results for 'color cartoons structure', including 'The Bioclipse workbench' and 'Bioclipse concepts'. The Console at the bottom left shows the Jmol script commands used to render the structure. The Properties View at the bottom right displays the CDK properties for the selected structure.

```
Jmol cmd: spacefill on
Script completed
Jmol cmd: color cartoon structure
Script completed
Jmol cmd: color cartoons structure
Script completed
Jmol cmd: select all
1904 atoms selected
Script completed
Jmol cmd: color cartoons structure
Script completed
```

Property	Value
Atom count	1904
Bond count	1779
File format	Protein Brookhave Database (PDB)
Formula	C1090N297O513S4
Mass	25572.09
Natural mass	25588.164
SMILES	N/A

On the right side of the Jmol view (showing [1SPX](#)) is the Help View, showing the context help for the Jmol View pointing to the 'Jmol Script Commands Reference'.