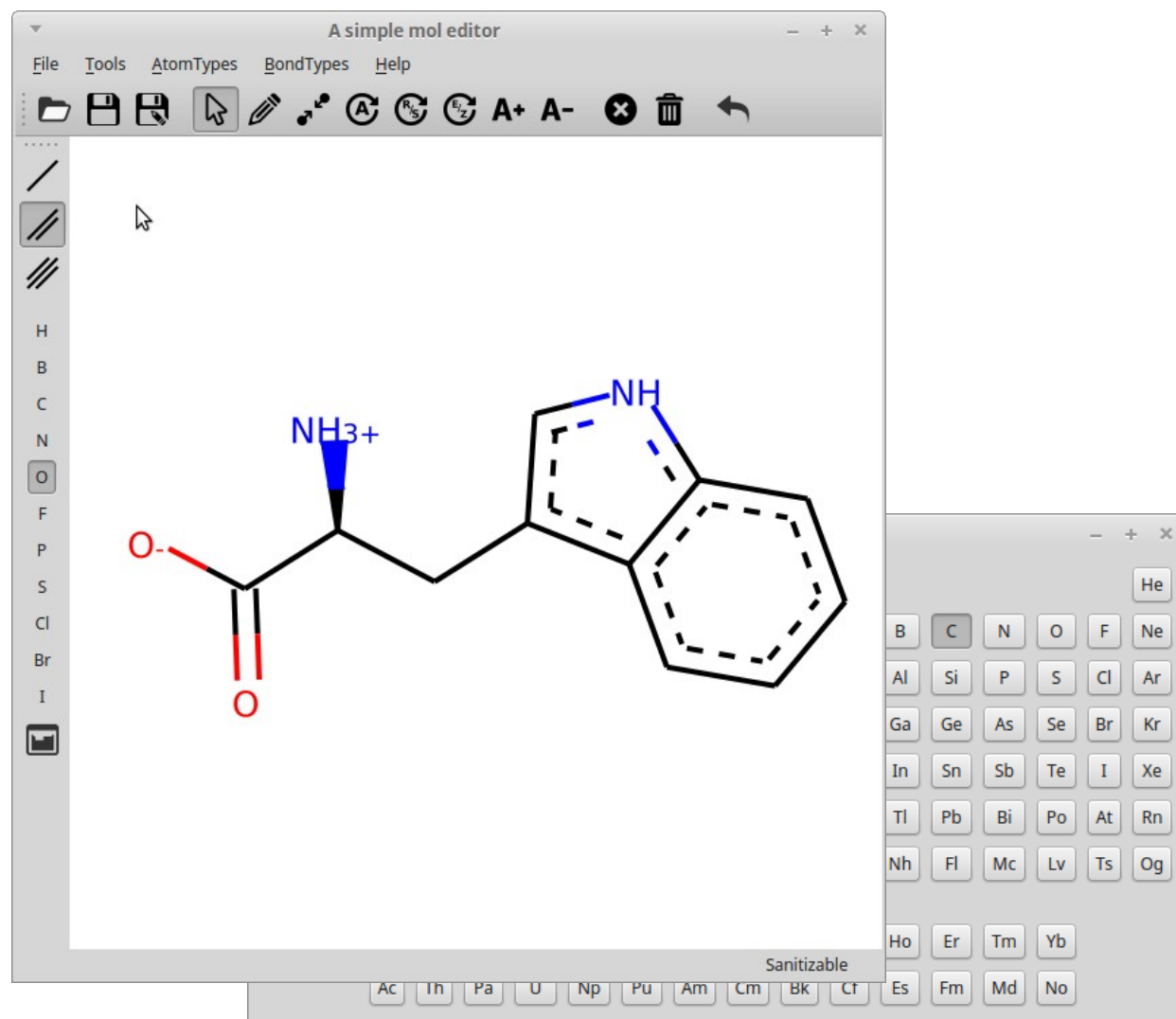


rdEditor: Graphical RDKit molecule editor



Classes

- QtSvg.QSvgWidget (PySide)
 - Can draw SVG
- MolViewWidget (170 lines)
 - Draw the molecule + Selection accounting
- MolEditWidget (421 lines)
 - Mousepress events and methods to edit the molecule
- MainWindow (428 lines)
 - GUI elements and actions to call methods/set properties on MolEditWidget

QT Signals and Slots

–Use of signals and slots to link events to code execution (QtCore, not GUI)

- `Molviewwidget.mol = Chem.MolFromSmiles('CCCC')`
- `@mol.setter => Molviewwidget.molchanged.emit()`
- Molchanged signal bound to slot `molviewwidget.sanitize_draw()`
- Method updates SVG => show new molecule

Issues

- R/S (after saving/reopening)
- E/Z not implemented
- Molecule jumps around, especially for small molecules (Editor, not drawing program)
- Probably other bugs as well
- Available at <https://github.com/EBjerrum/rdeditor>
- LGPL v.3 license (as PySide)