

# DFT codes

(for a complete list see e.g. [dft.sandia.gov/Quest/DFT\\_codes.html](http://dft.sandia.gov/Quest/DFT_codes.html))

## ◆ Pseudopotentials / Plane-Waves:

- ABINIT ([www.abinit.org](http://www.abinit.org))
- Quantum Espresso ([www.quantum-espresso.org](http://www.quantum-espresso.org))
- VASP ([www.vasp.at](http://www.vasp.at))

## ◆ Pseudopotentials / Localized Basis Set:

- SIESTA ([departments.icmab.es/leem/siesta](http://departments.icmab.es/leem/siesta))
- AIMS ([aimsclub.fhi-berlin.mpg.de](http://aimsclub.fhi-berlin.mpg.de))

## ◆ All electron:

- Wien2K ([www.wien2k.at](http://www.wien2k.at))
- Exciting ([exciting-code.org](http://exciting-code.org))
- Elk ([elk.sourceforge.net](http://elk.sourceforge.net))

# Visualization codes

- ◆ Jmol ([jmol.sourceforge.net](http://jmol.sourceforge.net))
- ◆ Vesta ([jp-minerals.org/vesta/en](http://jp-minerals.org/vesta/en))
- ◆ XCrySDen ([www.xcrysden.org](http://www.xcrysden.org))
- ◆ V\_Sim ([www-drfmc.cea.fr/L\\_Sim/V\\_Sim](http://www-drfmc.cea.fr/L_Sim/V_Sim))