

McVine (in vnf, DANSE)

- Developed for the “virtual neutron facility” which is a part of the DANSE project
 - Uses Python “pyre” wraps to create Python versions of the McStas components
 - Python script defines the instrument setup
 - Allows to use e.g. bvk phonon simulations with instrument simulation
 - Websites <https://vnf.caltech.edu/vnf/1/> and <http://docs.danse.us/MCViNE/1.0-beta/index.html>
 - Developed by J Lin and B Fultz (Caltech)
 - Build to “any” platform from source code
 - BSD license
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- My 0.02\$: vnf is really nice but so far implement only a few instruments