

Why WMD?

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- https://www.rcsb.org/pages/thirdparty/molecular_graphics
- https://en.wikipedia.org/wiki/List_of_molecular_graphics_systems

- Why VMD?
 - Free
 - Works on multiple platforms
 - Powerful atom selection
 - Scriptable
 - Strong with molecular dynamics trajectories
 - Visualization of volumetric data, e.g. electrostatic potentials

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- UCSF Chimera also satisfies most if not all of these criteria

What can be done with VMD?

- Most of the “Gallery” graphics
 - the Theoretical and Computational Biophysics Group at UIUC (<https://www.ks.uiuc.edu/Gallery/Science-New/>)
 - on my group’s web page (http://mypages.iit.edu/~dminh/Computational_Chemical_Biology/Gallery.html)
- Scripting makes certain tasks possible