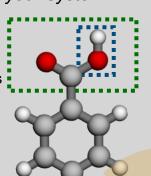
mBuild

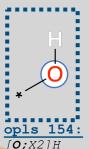
Construct your system

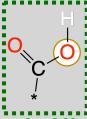
- Hierarchical system construction
- · Create molecules
- Build complex systems
- Fill a simulation box
- And more!



Foyer

Define and apply your force field





Atom typing via SMARTS Matching

opls 268:

[O;X2]([C;%opls 267])H
overrides opls 154

- · XML-based forcefields
- Robust overrides logic

Simulation Engines

Support for common MD and MC engines





Design Framew



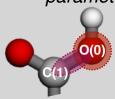




SOFTWARE

GMSO

View, edit, and save your parameterized system



- Supports arbitrary potential forms
- Parameters stored with units

Atom	<u>rypes</u>
Index	O(0)
Type	opls 268
Sigma	3.0 Å
Charge	0.53 g

<u>Bond</u>	<u>Types</u>
Index	0
Atom1	O(0)
Atom2	C(1)
	1.364 Å