



## Processing **Assembly** + K: ndarray + M: ndarray + F: ndarray + Kr: ndarray + Mr: ndarray + K\_lump: ndarray + M\_lump: ndarray + C lump: ndarray + Kr\_lump: ndarray + Mr\_lump: ndarray + Cr\_lump: ndarray + Kadd\_lump: ndarray + Madd\_lump: ndarray + assembly\_matrices() + assembly\_lumped() + remove\_prescribed\_dofs() Solution + mesh: Mesh + assembly: Assembly + get\_combined\_loads() + modal\_analysis() + direct\_method() + modal\_superposition() + get\_reaction\_at\_fixed\_nodes()

## **WARNING!**

This diagram is more like a plan than a real representation of the project.