

# Building applications with vvvv



One Extra

FullscreenQuad is for:

Joreg

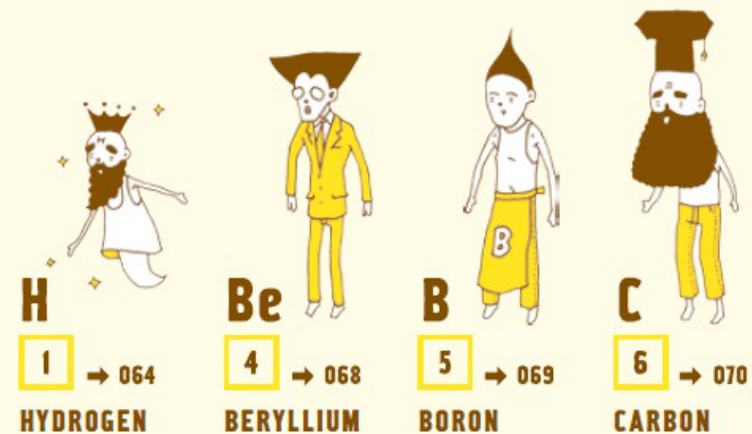
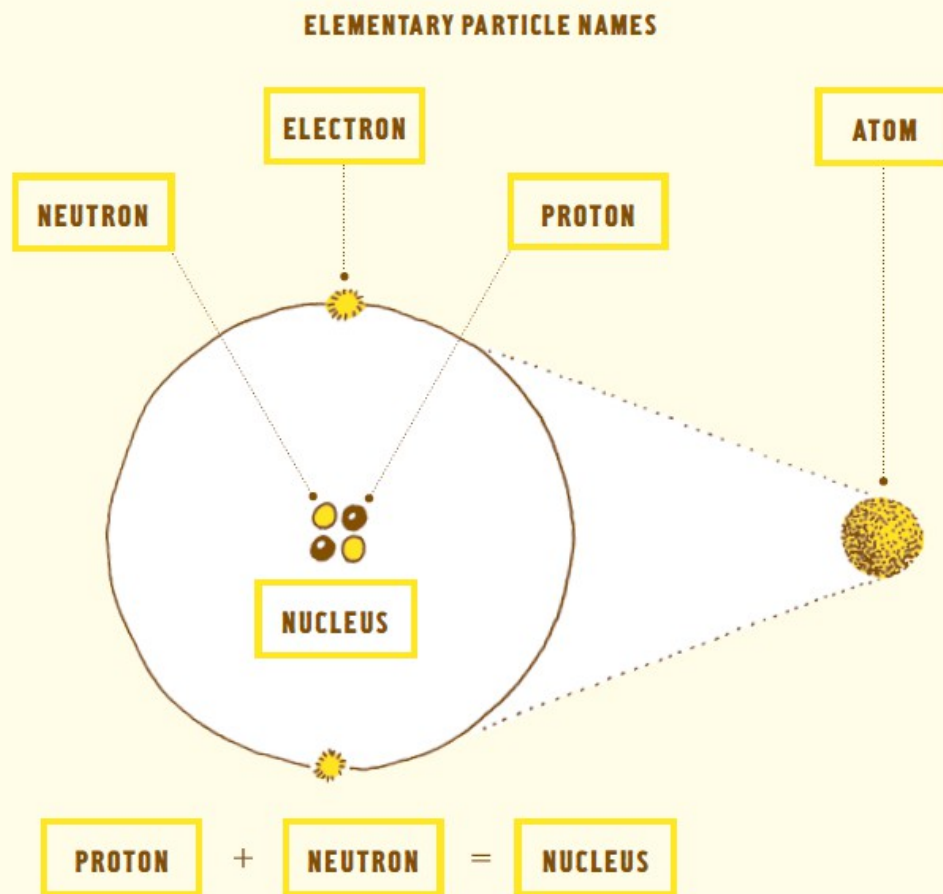
Sebastian / gregsn

Tebjan / tonfilm

Elias

**MVC** anyone?

**Design Patterns** what?



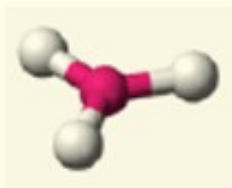
Wonderful Life with the Elements  
 The Periodic Table Personified  
**Bunpei Yorifuji**



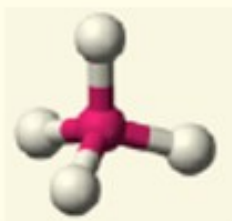
Diatomic



Linear

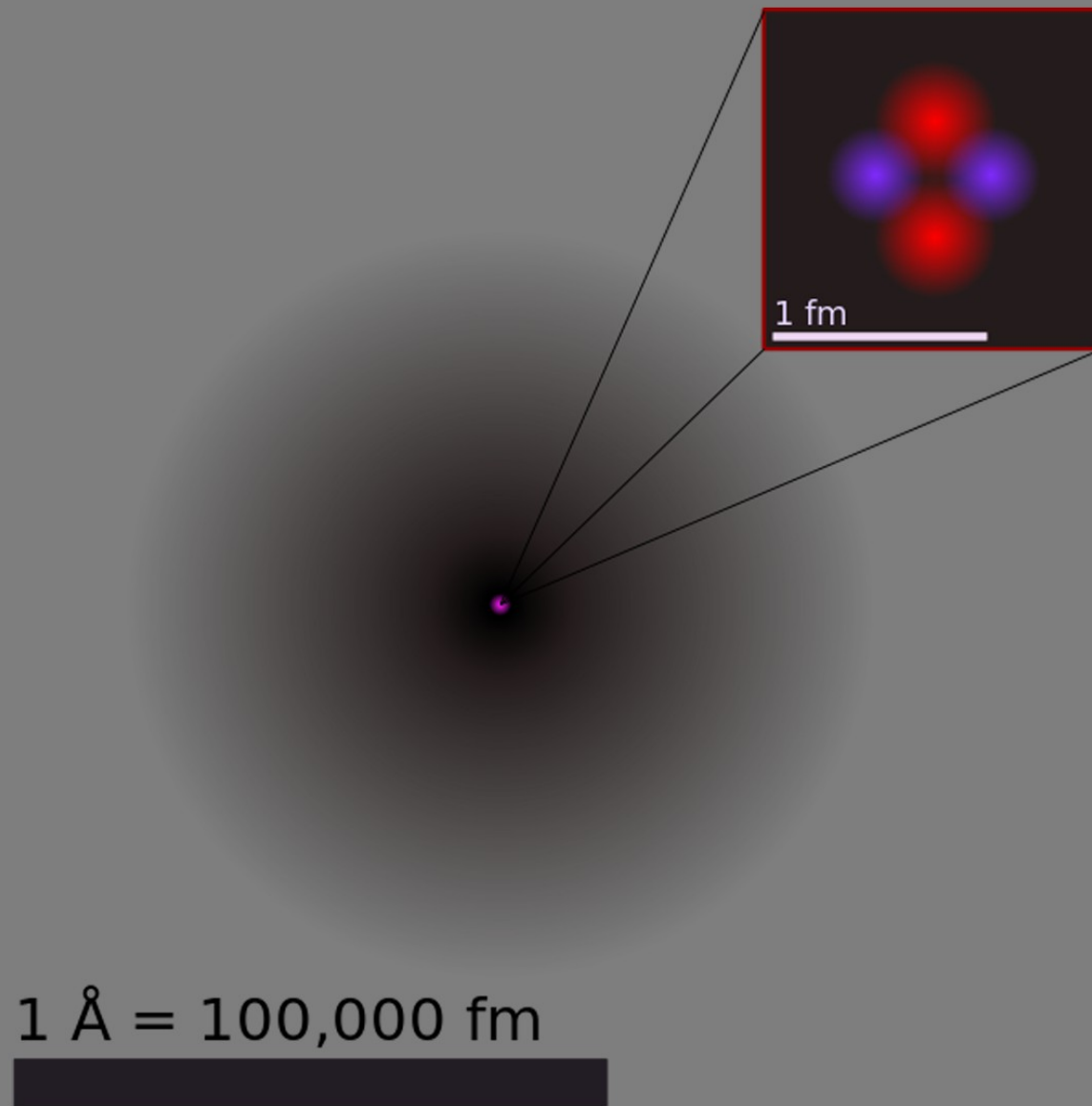


Trigonal planar



Tetrahedral





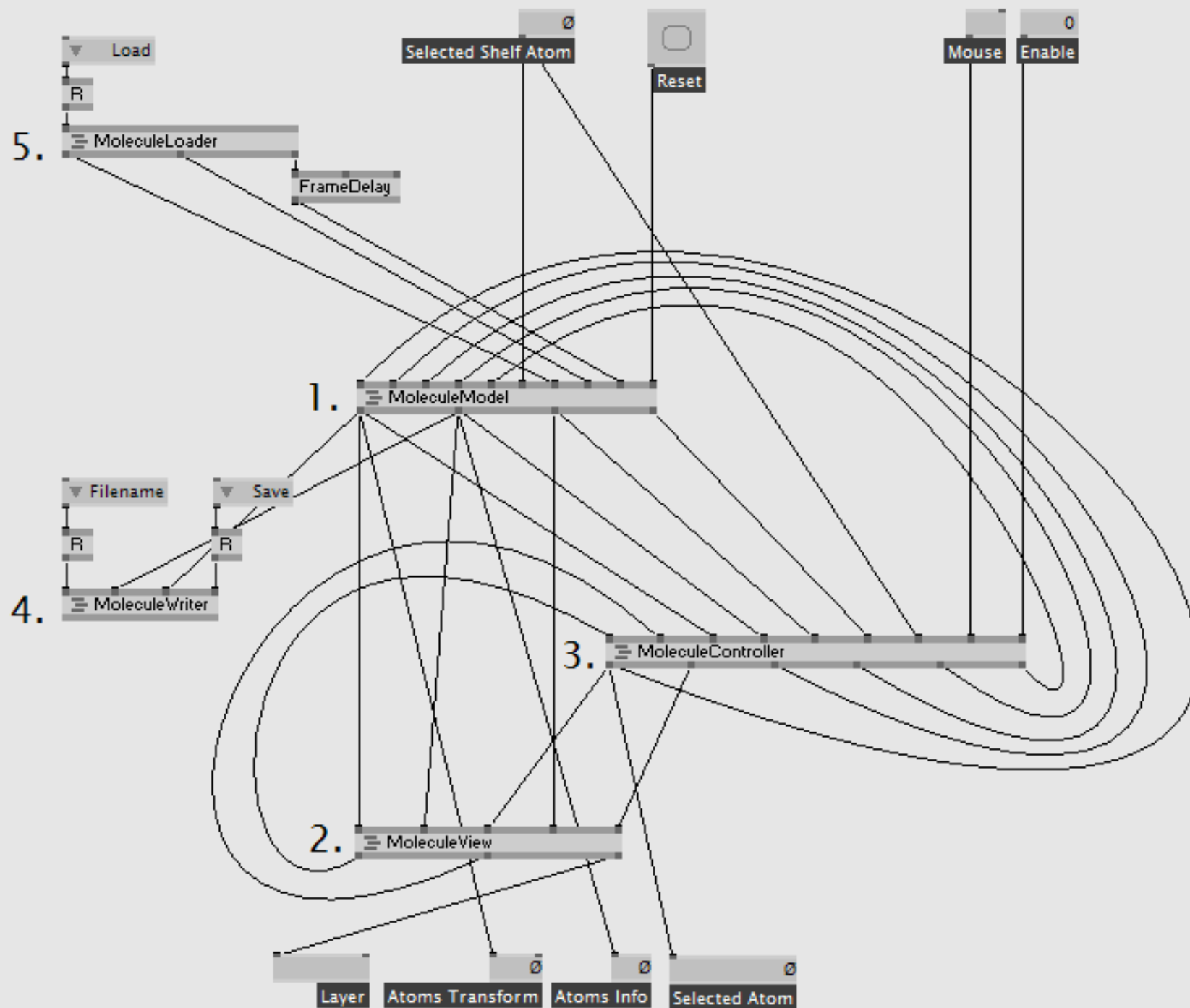
$$1 \text{ Å} = 0,0000001 \text{ mm}$$

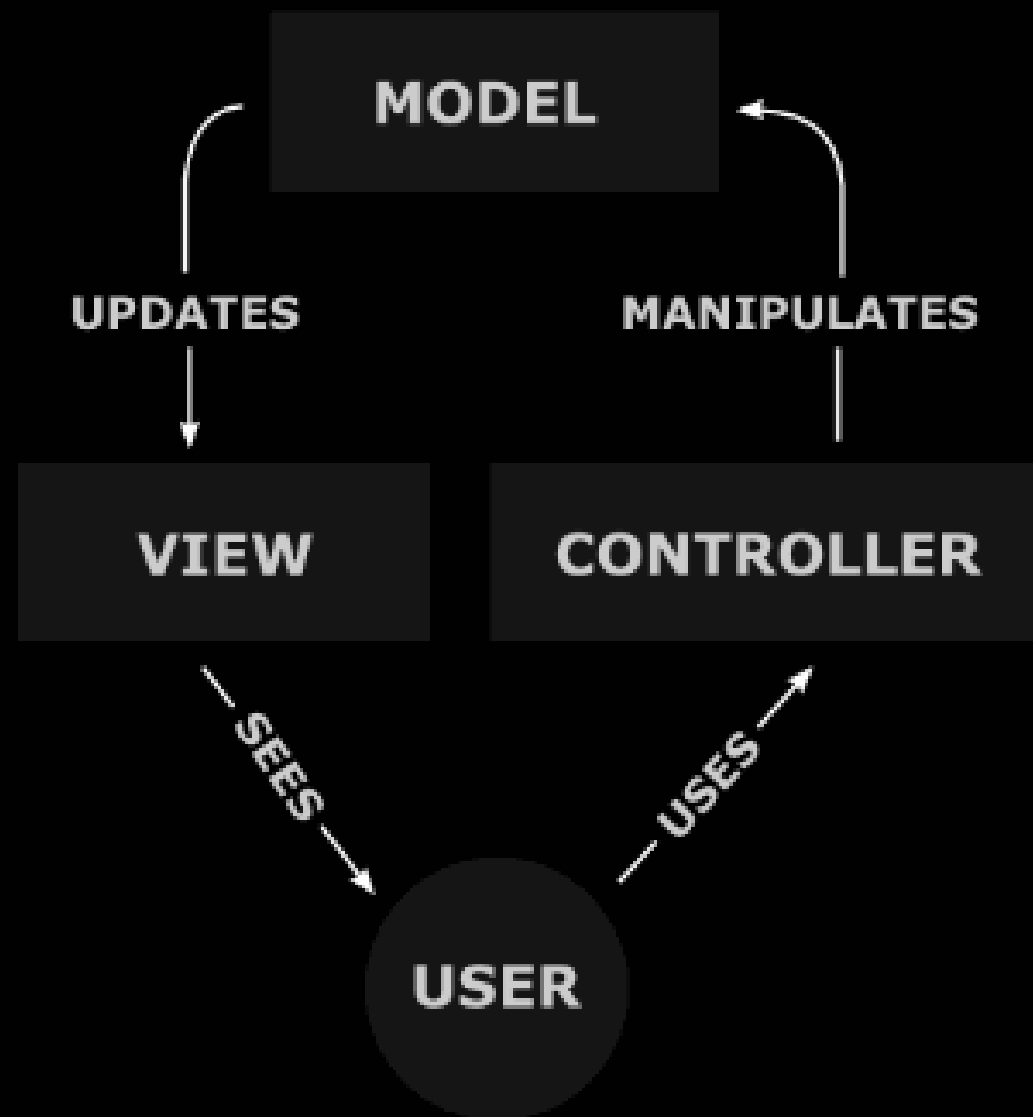
$$1 \text{ fm} = 0,00000000000001 \text{ mm}$$

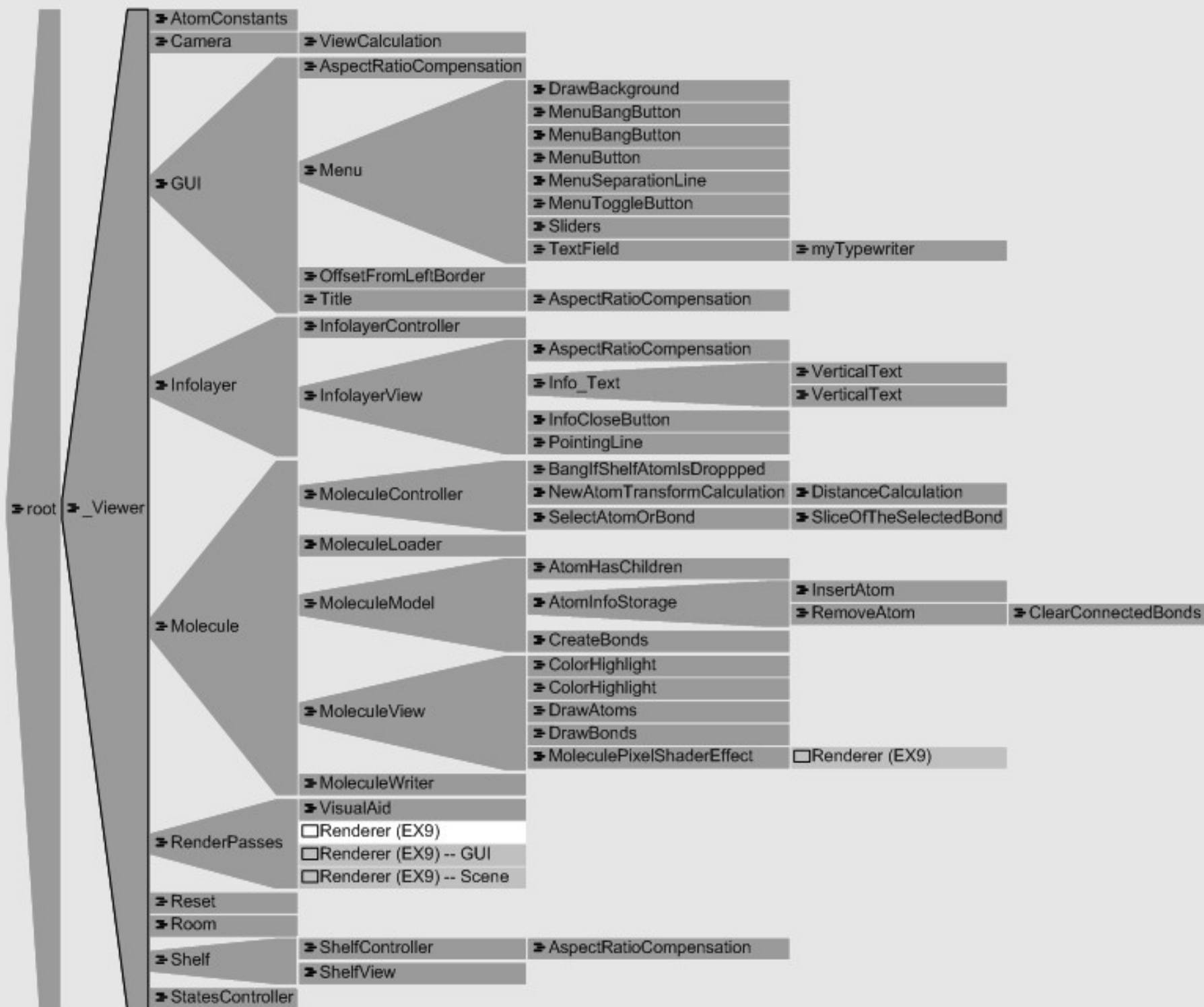


If an apple was magnified to the size of the Earth, then the atoms in the apple would be approximately the size of the original apple.

Feynmann







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\_Viewer.v4p

Final App

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000 M\_1\_4\_01.v4p

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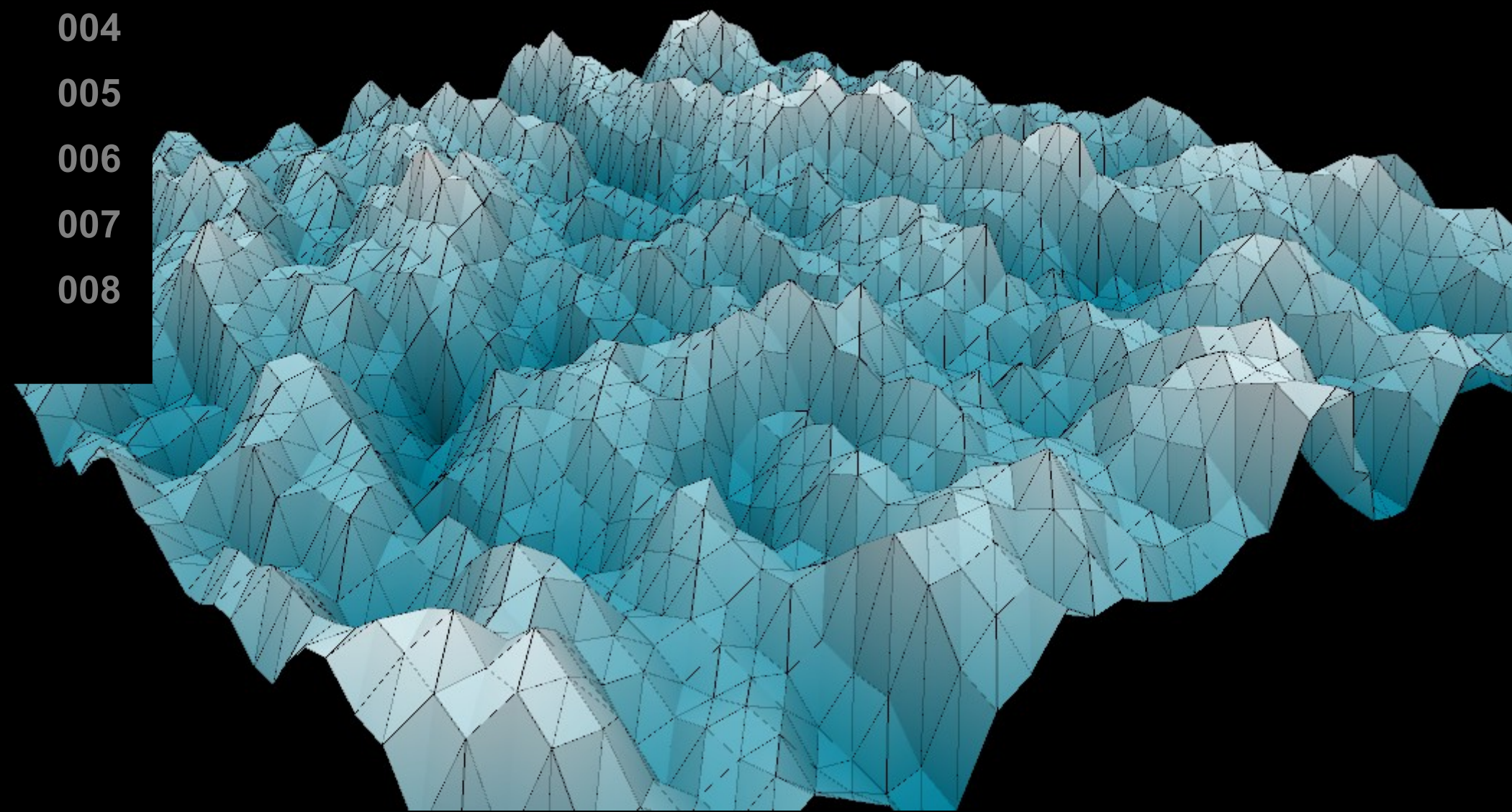
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000 AtomAndBonds.v4p

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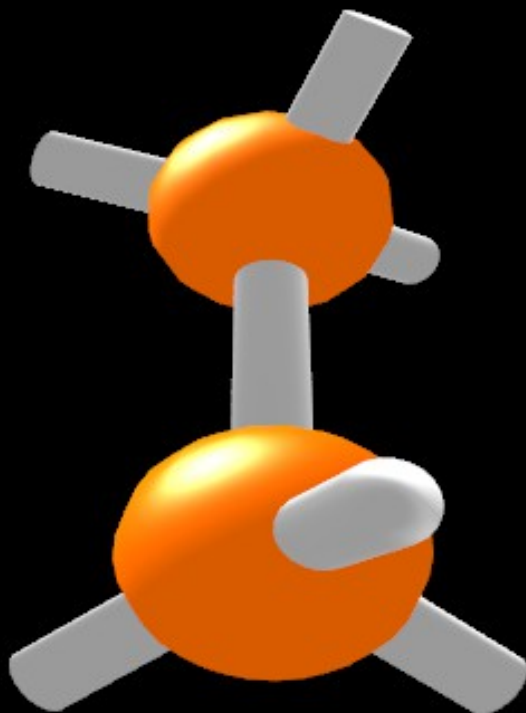
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000 CameraTest.v4p

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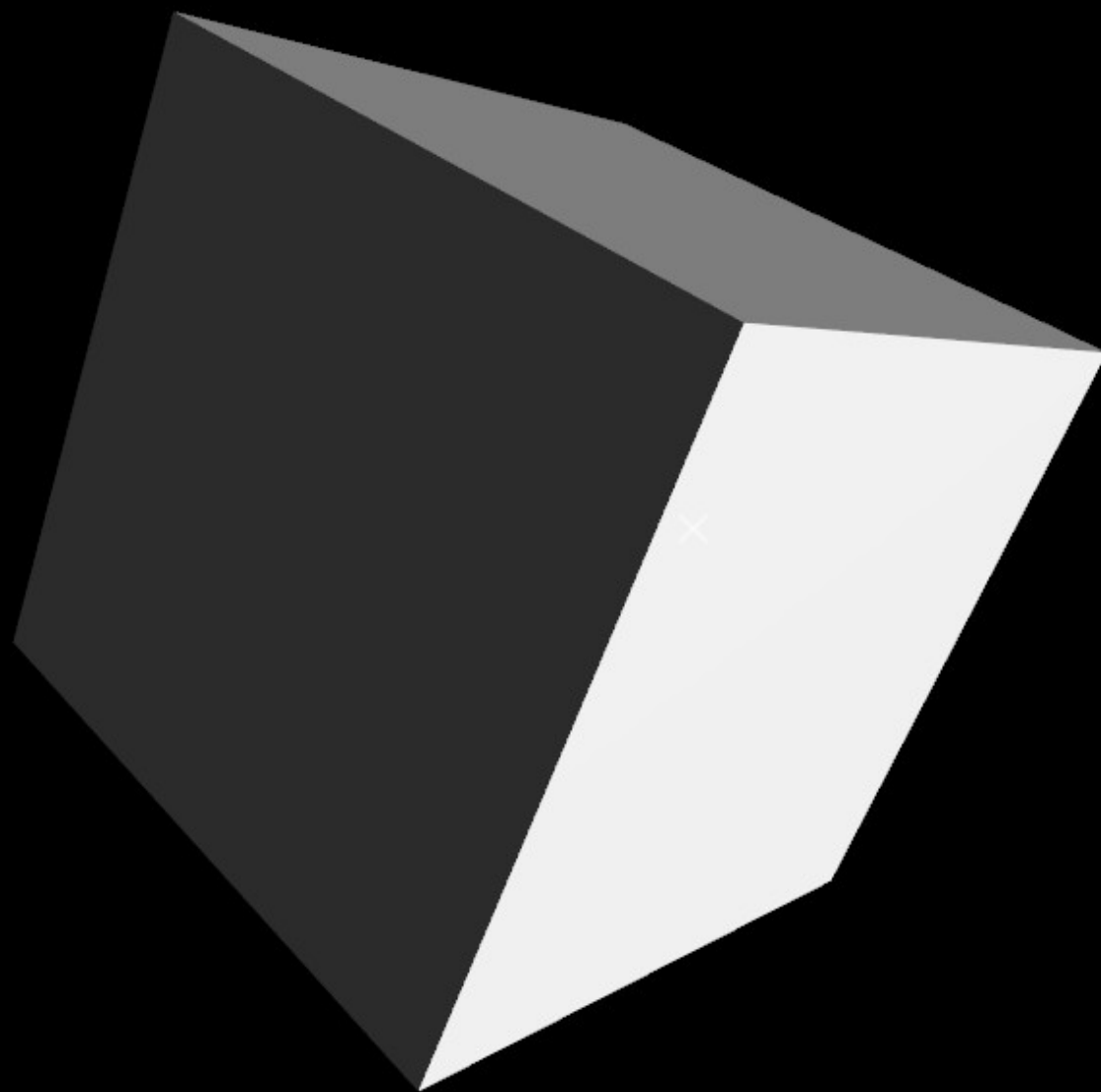
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000 Atom (Join).v4p  
001 Atom (Split).v4p  
SimpleStorage.v4p

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0	1.0000
1	2.0000
2	-1.0000
3	-1.0000
4	-1.0000
5	-1.0000
6	-1.0000
7	-1.0000
8	-1.0000
9	-1.0000

Atom ID

Atom Type

ID of the atom connected to this bond

ID of the atom connected to this bond

ID of the atom connected to this bond

ID of the atom connected to this bond

ID of the atom connected to this bond

ID of the atom connected to this bond

ID of the atom connected to this bond

ID of the atom connected to this bond

ID of the atom connected to this bond



000 MoleculeLoader.v4p  
001 MoleculeWriter.v4p

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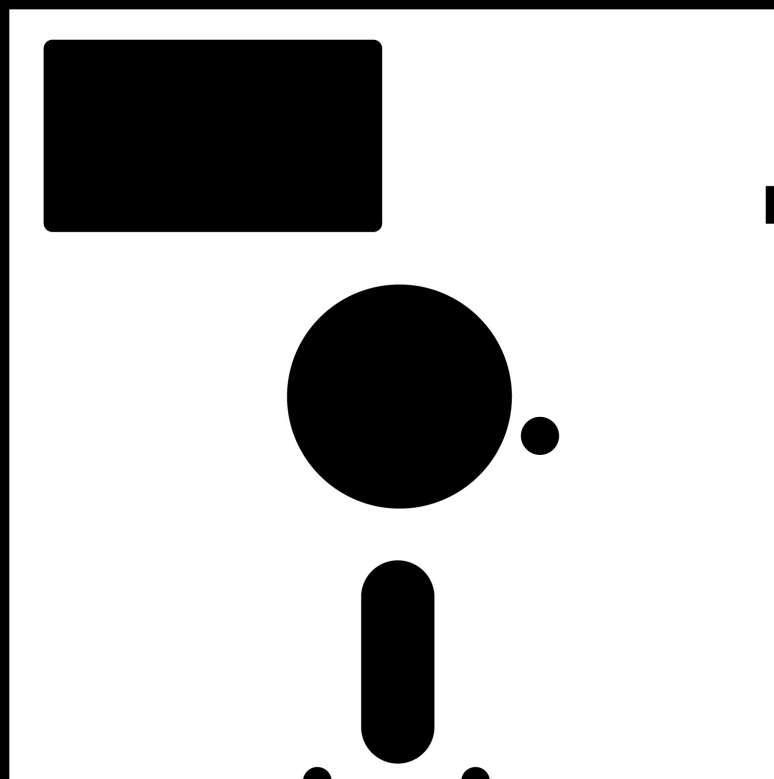
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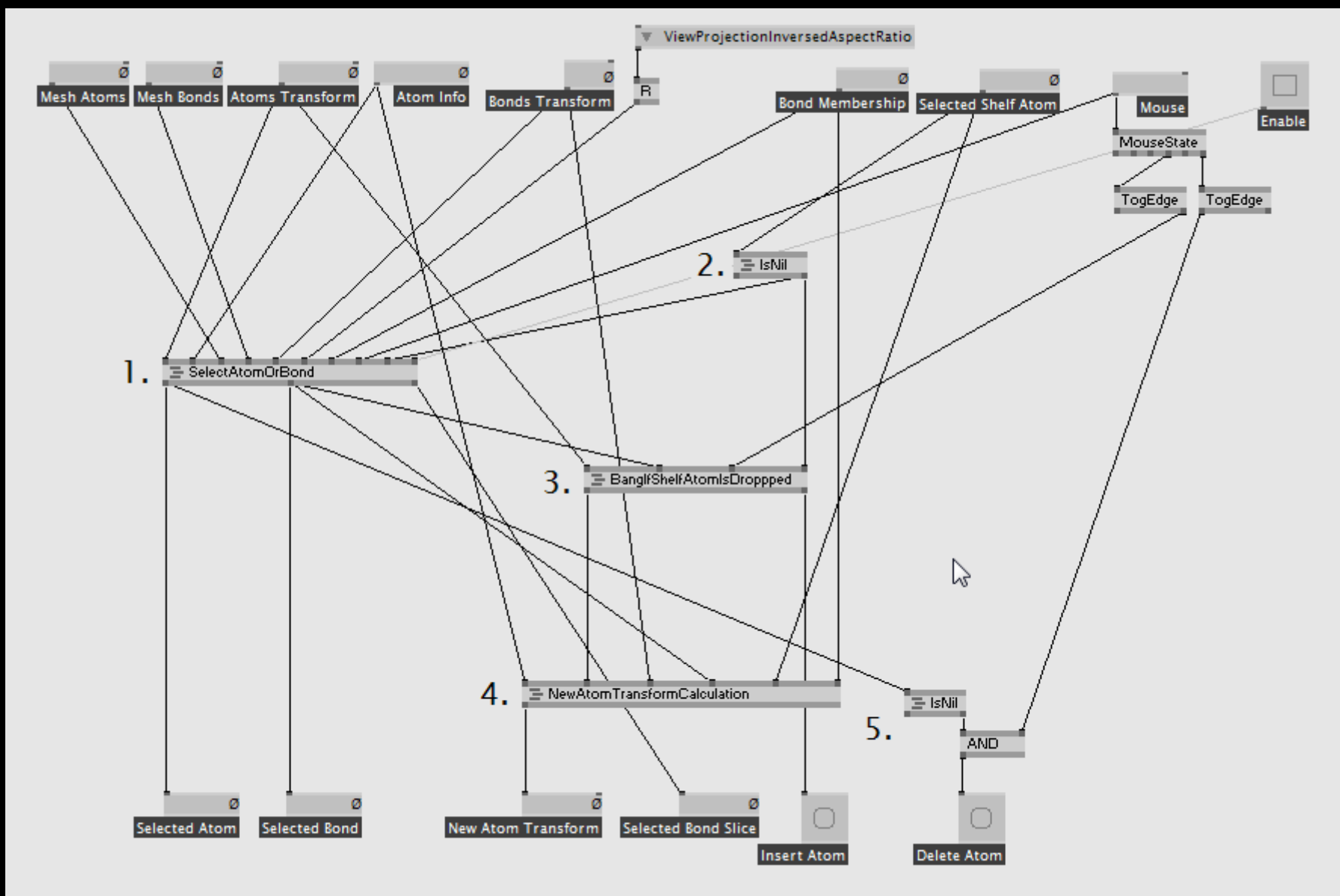
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# MoleculeController.v4p



000 SimpleShelf\_v1.v4p  
001 SimpleShelf\_v2.v4p

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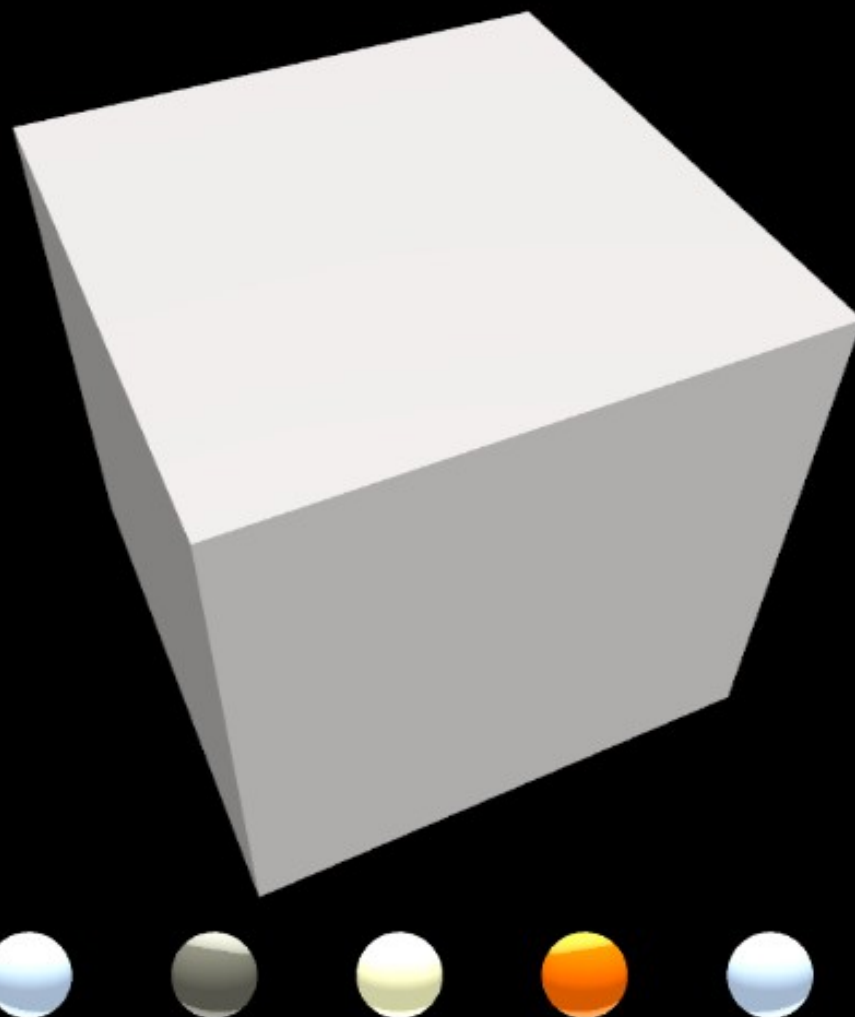
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000 SimpleSlider\_GUI.v4p

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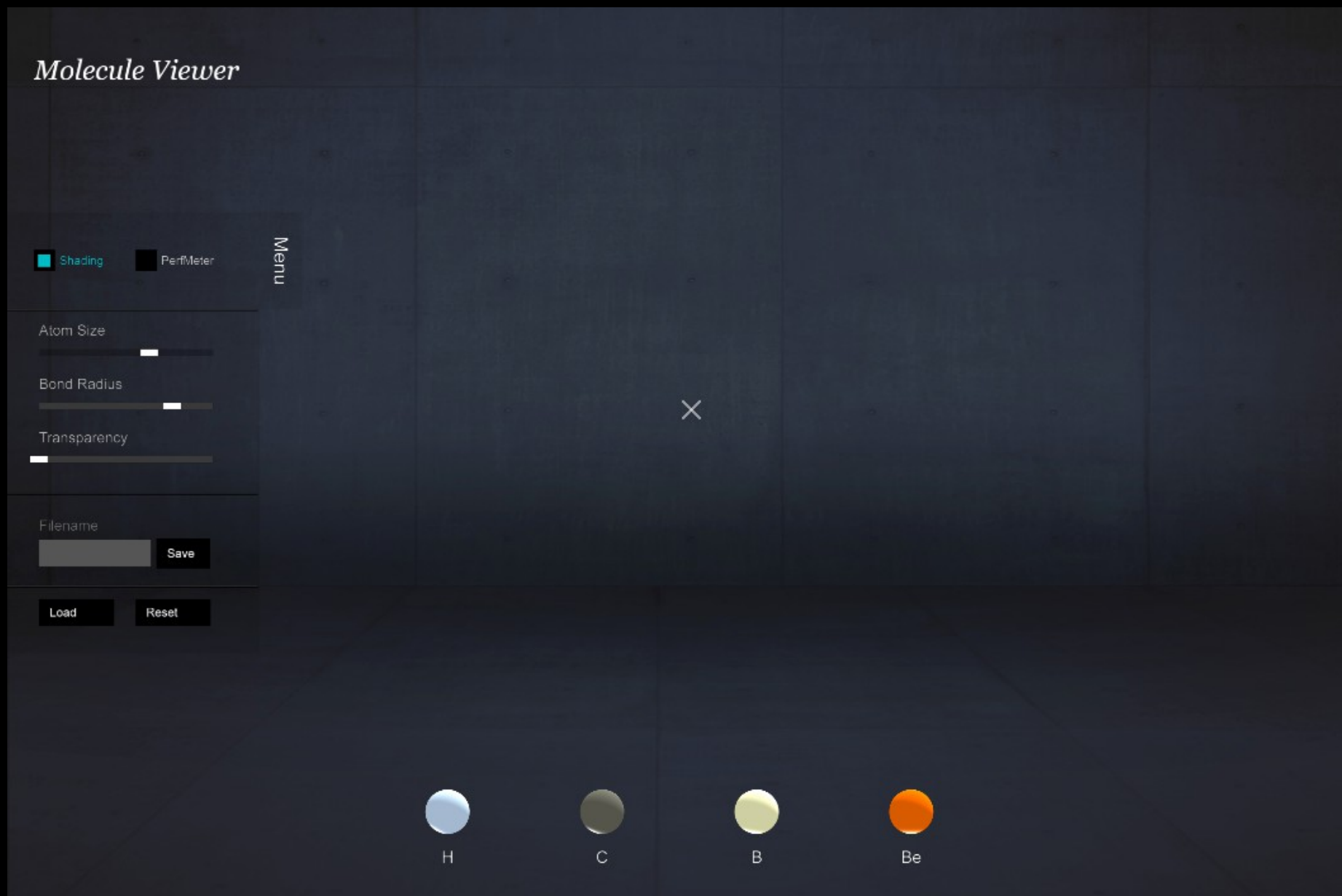
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# Voting

1. Molecule and its MVC
2. Shelf and mouse
3. Menu and UI elements
3. Info Layer
4. Camera



# Please have a look:

## **Software Engineering Patterns with vvvv**

by **Sebastian Oschatz** and **Nils Buhlert**

[vvvv.org/documentation/software-engineering-patterns-with-vvvv](http://vvvv.org/documentation/software-engineering-patterns-with-vvvv)

## **box2d playground**

by **tgd**

[vvvv.org/contribution/box2d-playground](http://vvvv.org/contribution/box2d-playground)

## **AntTweakBar**

by **mino**

[vvvv.org/contribution/antttweakbar](http://vvvv.org/contribution/antttweakbar)

**And a one more Quad is for the  
TextureFX from:**

**unc  
lecloneur**