

```
# Mol object example  
import fromage as fro
```

```
# Read cell geometry
```

```
mol = fro.mol_from_file("cell.xyz")
```

```
# Read lattice vectors
```

```
vectors = fro.read_vectors("vectors")
```

```
# Assign lattice vectors
```

```
mol.vectors = vectors
```

```
# Make a molecular cluster of 10 A and a 2x2x2 supercell
```

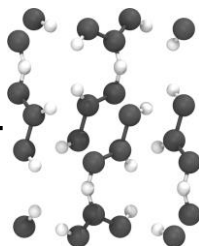
```
cluster = mol.make_cluster(10)
```

```
supercell = mol.supercell([2,2,2])
```

```
# Write new .xyz files
```

```
cluster.write_xyz("cluster.xyz")
```

```
supercell.write_xyz("supercell.xyz")
```



7.2870001793	0.0000000000	0.0000000000
0.0000000000	9.1999998093	0.0000000000
0.0000000000	0.0000000000	6.6880002022

