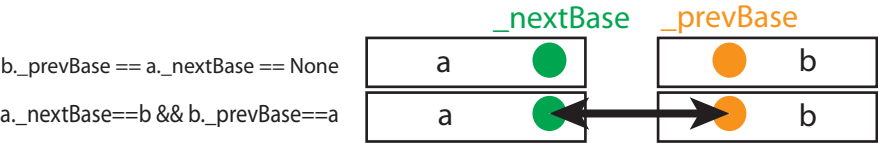
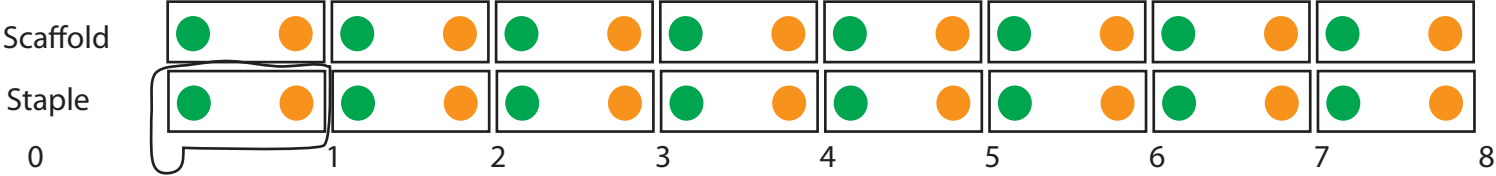


# Conventions



```
from model.enum import StrandType
vh = virtualHelix(numBases=8, idnum=0)
```

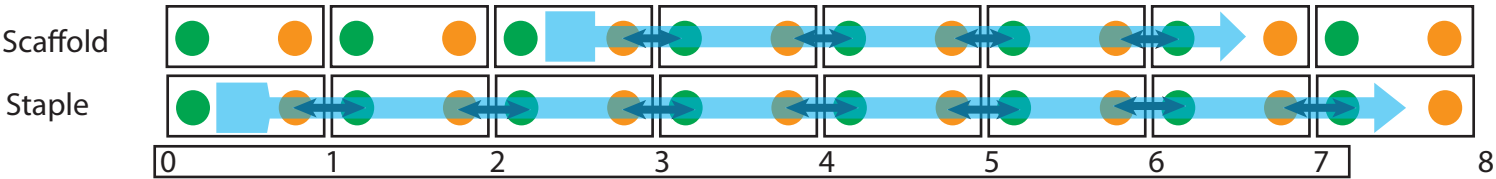


Bases are associated with the lesser of the two possible indices, and can be fetched (which you should never do unless self is a VirtualHelix) like  
`vh.strand(StrandType.Staple)[0]`

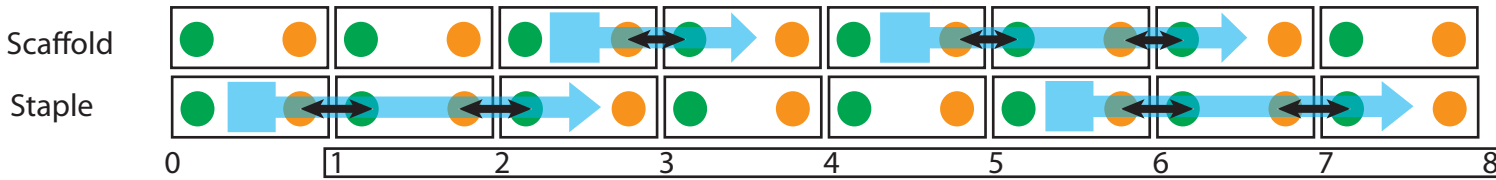
Inside the VirtualHelix's `strand(strandType)` arrays, strands always run from 5' (0) to 3' (`len(vh.strand(strandType))`), which means that IRL base 0 of the scaffold is by base 7 of the staple

# Modification

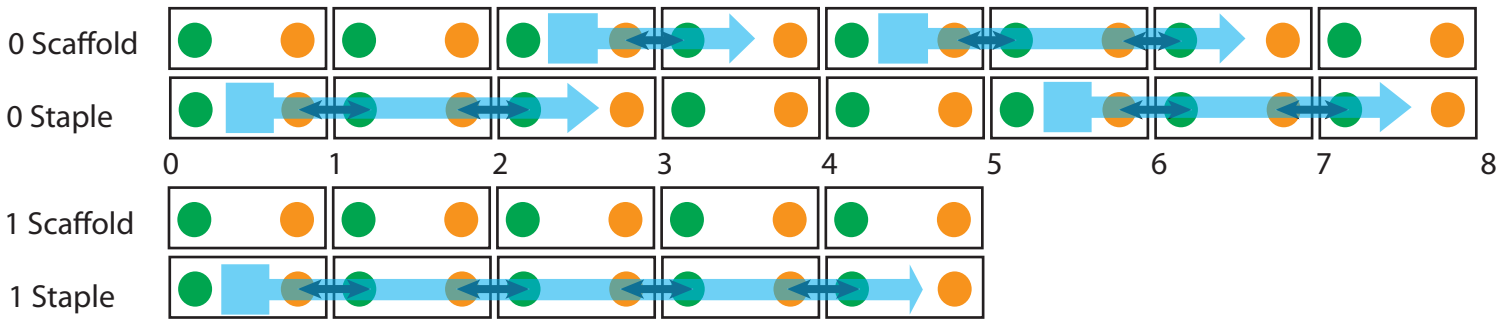
```
vh.connectStrand(StrandType.Scaffold, 2, 6)
vh.connectStrand(StrandType.Staple, 0, 7)
```



```
vh.clearStrand(StrandType.Scaffold, 4, 4)
vh.clearStrand(StrandType.Staple, 3, 5)
```



```
vh1 = VirtualHelix(numBases=5, idnum=1)
vh1.connectStrand(StrandType.Staple, 0, 4)
```



```
vh.connectBases(StrandType.Staple, 2, vh1, 3)
```

