0.0.1 At Depth

The Primitive atDepth will return the Value at a specified depth of indices within a passed in Collection. The following helper Operation getFirstIndex is introduced to establish navigation into a nested Collection given a Collection of Indices.

This allows for the navigation into a nested Collection to be defined as $\langle getFirstIndex_, recur_\rangle^{\# idxs?}$ which represents a step down into coll? for each member of idxs?. If there is not a value at some specified index or navigation can't continue despite what is being dictated by idxs?, the empty sequence $\langle \rangle$ will be returned

The following examples demonstrate the properties of atDepth described above.

```
X = \langle x_0, x_1, x_2 \rangle
x_0 = 0
x_1 = foo
x_2 = \langle a, b, c \rangle
atDepth(X, \langle 1 \rangle) = foo
atDepth(X, \langle 1, 0 \rangle) = f \Rightarrow foo = \langle f, o, o \rangle
atDepth(X, \langle 2, 0 \rangle) = a
atDepth(X, \langle 2, 5 \rangle) = \langle \rangle
```