

In graphs, a node has

* A name
* Zero or more paths to other nodes

*Data Definition*

**Structure**



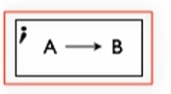
**Type comment**



**Interpretation**

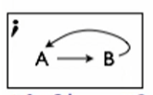


**Examples**



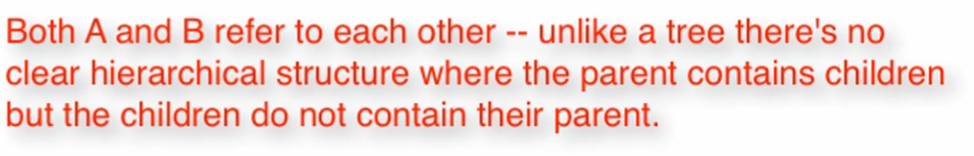


Circular structured graph:





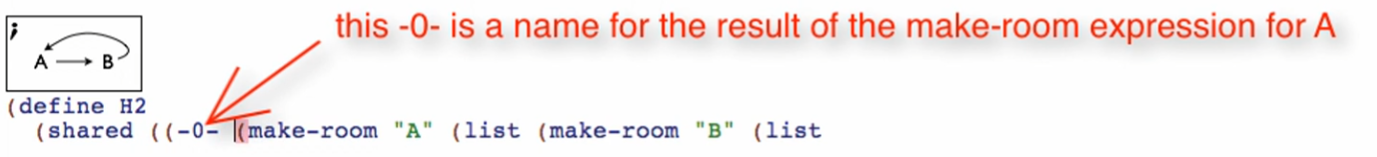
We need the make-room “A” (list … to be also under “B” but we can’t achieve that with just this!



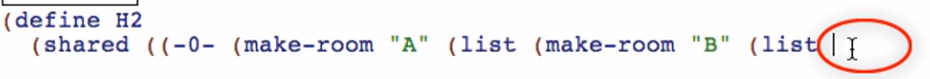
Switch to Advanced Student

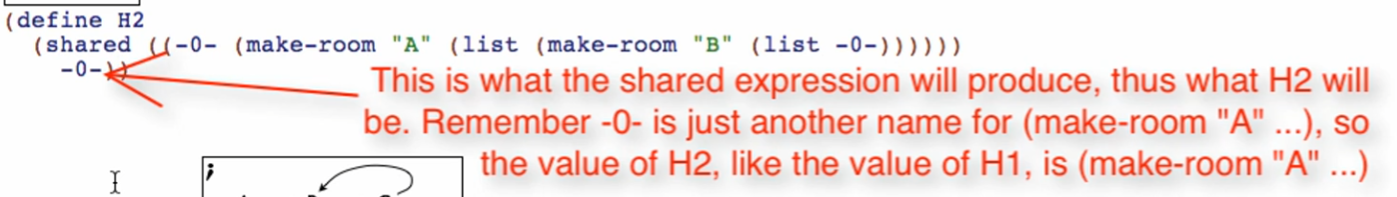


shared Primitive



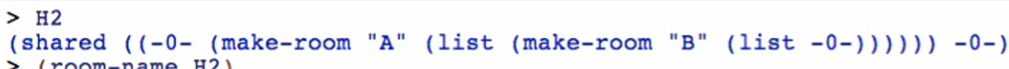
* This name will allow us to refer to this room; even inside the expression that makes this room!



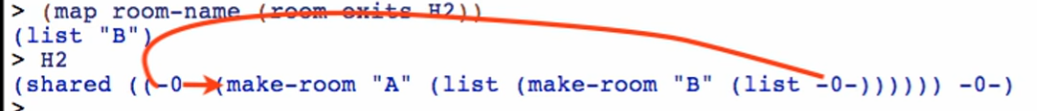


Syntax: (shared ((<shared exp name> (<expression to be shared>)) <return value of shared exp>)))

Now, we do not call the expression like this:



Because it wouldn’t make any sense. It’s a little bit harder to read



We can use selectors to call it by parts to ensure that our example definition is correct



