Comments to the Naive Rete python code

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WME = working memory element.

Alpha network: performs the "decision tree" tests.

Alpha memory = AM. Store sets of WMEs.

Beta network: checks consistency of **variable bindings** between conditions.

Beta memories store sets of **tokens**, each token representing a sequence of WMEs — specifically, a sequence of k WMEs, satisfying the first k conditions (with consistent variable bindings) of some production.

Production node = **p-node** = firing of an action.

ncc = negated conjunctive conditions. Tests for the absence of a certain combination of WMEs.

Activation means passing a new WME down the rete network.

Left activation = activation of some node from another node in the **beta** network

Right activation = activation of some node from the **alpha** network

1 Fixing the within-condition variable-binding problem

Starts with:

```
self.alpha_root.activation(wme)
```
(1)