

What is STM state (S-type) Hierarchy?

Hierarchy is a method which takes upper layer of state in STM as general information and lower layer of state in STM as detailed information. Thus, you can design STM from general view through detail view smoothly and also, you can design complicated or big system by using this method.

When the STM is layered, lower leveled STM is called from state. However, this is not like event hierarchy call. This is more like state flame which is divided by STM. If the flame does not have state numbers, the system cannot call lower layered STM.

Also, when event hierarchy STM which is in the state driven type is called, the STM which is just called is act as event driven type.

This is because the event hierarchy STM which is written in action and it behave like a function.

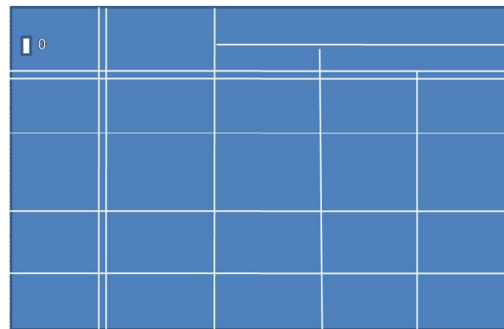


Diagram A: STM before EHSTM

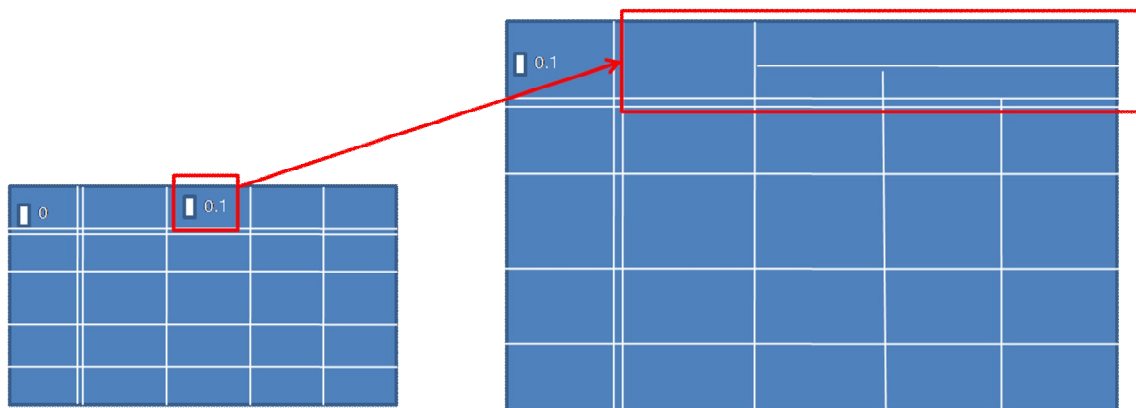


Diagram B: EHSTM