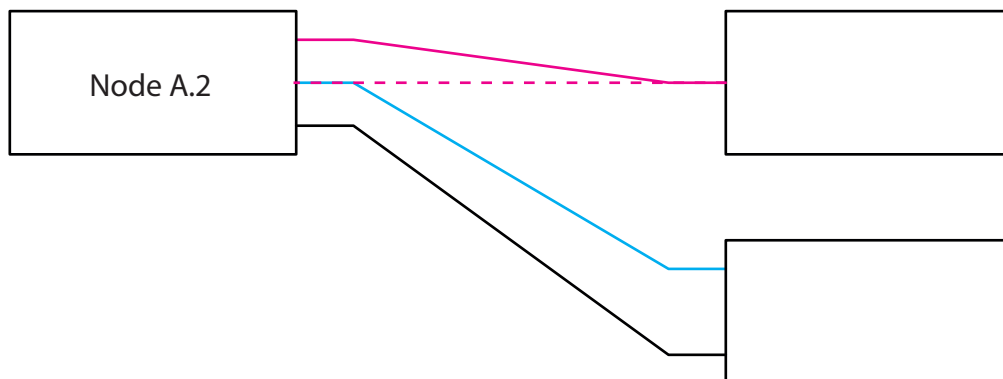


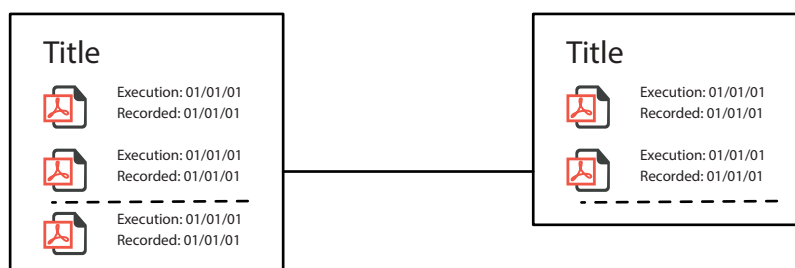
Connections are even distributed on **a.** segment meaning that if, for example, the node A has two connections on the right side, they would be at **a.** edges, if three like node A.2, there would be one extra at the middle.

So, you can't just say that if two nodes have same Y position, like Node A & Node B when magenta connection has to be straight, cause it could lead to visual glitches.



The simple example is the second diagram. If magenta connection would be straighten to dashed one, you would have miscommunication.

In addition to that, if you want to separate connections inside nodes to different group



You wouldn't have such issue if two elements (underscored) would be on the same Y, cause if I understand everything right, each element would have just ONLY ONE assignment_no, so one I/O (input or output).