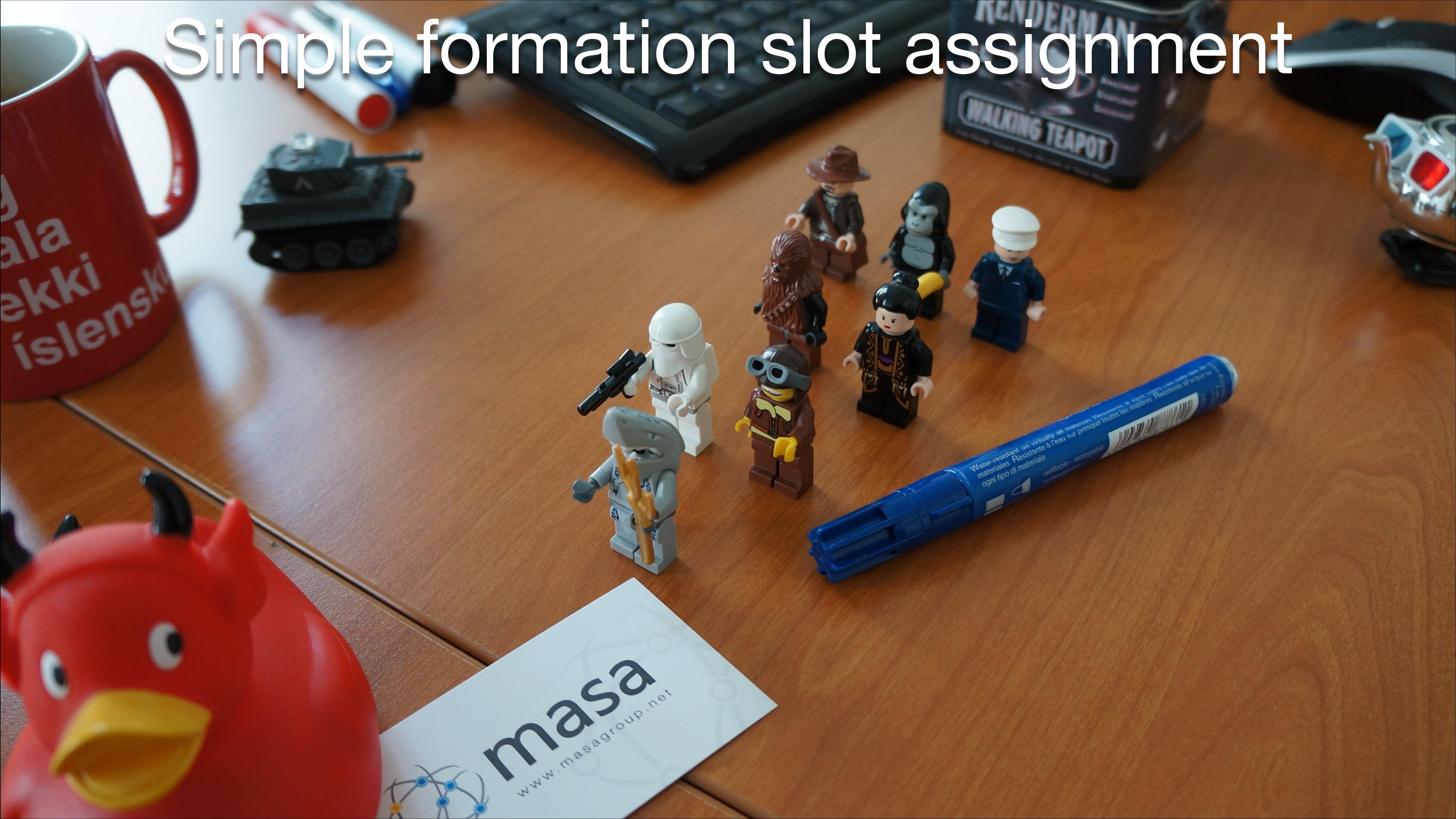


Simple formation slot assignment



Simple formation slot assignment





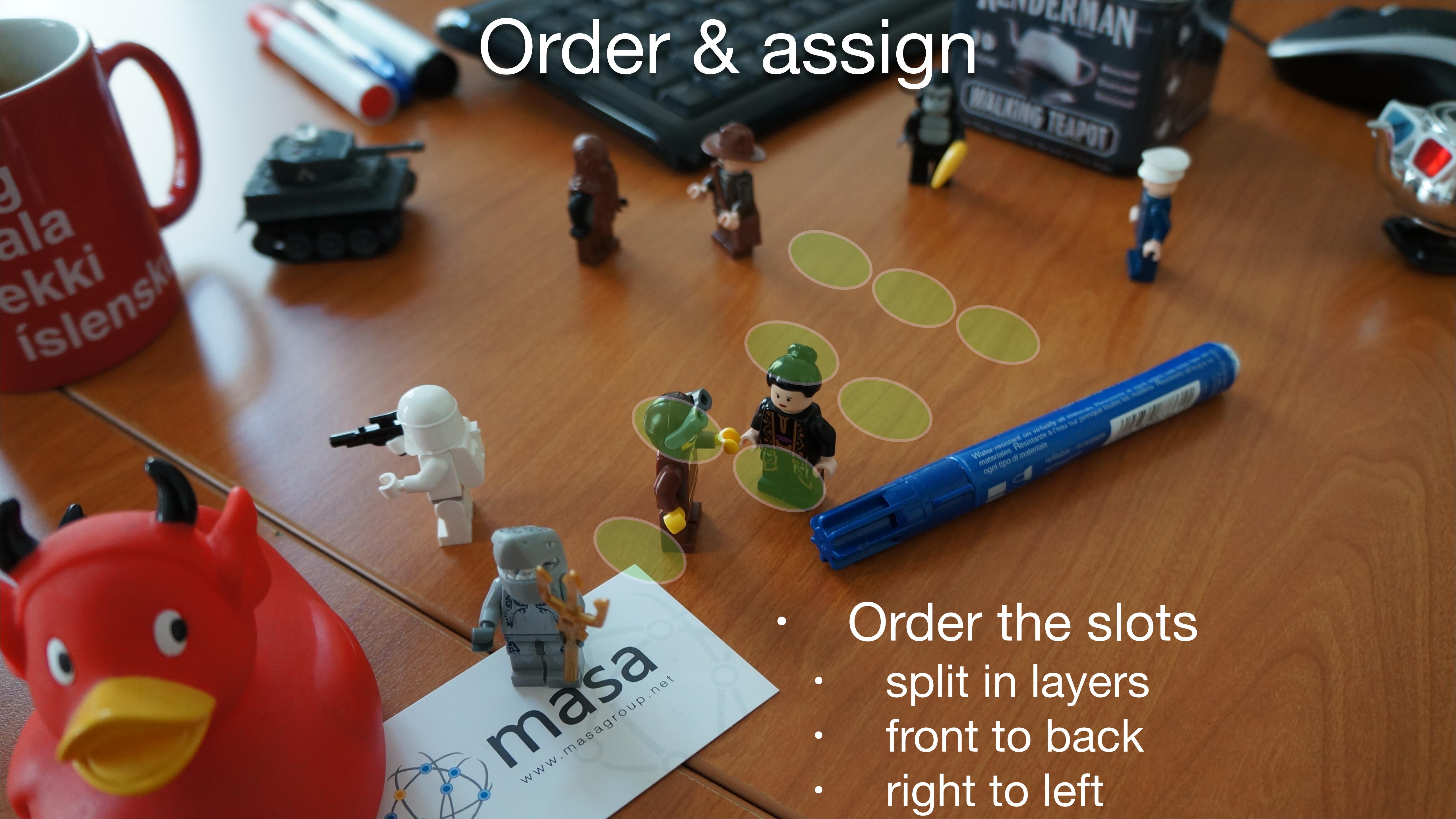


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- Greedy won't work
- Optimal is NP-Hard



Order & assign

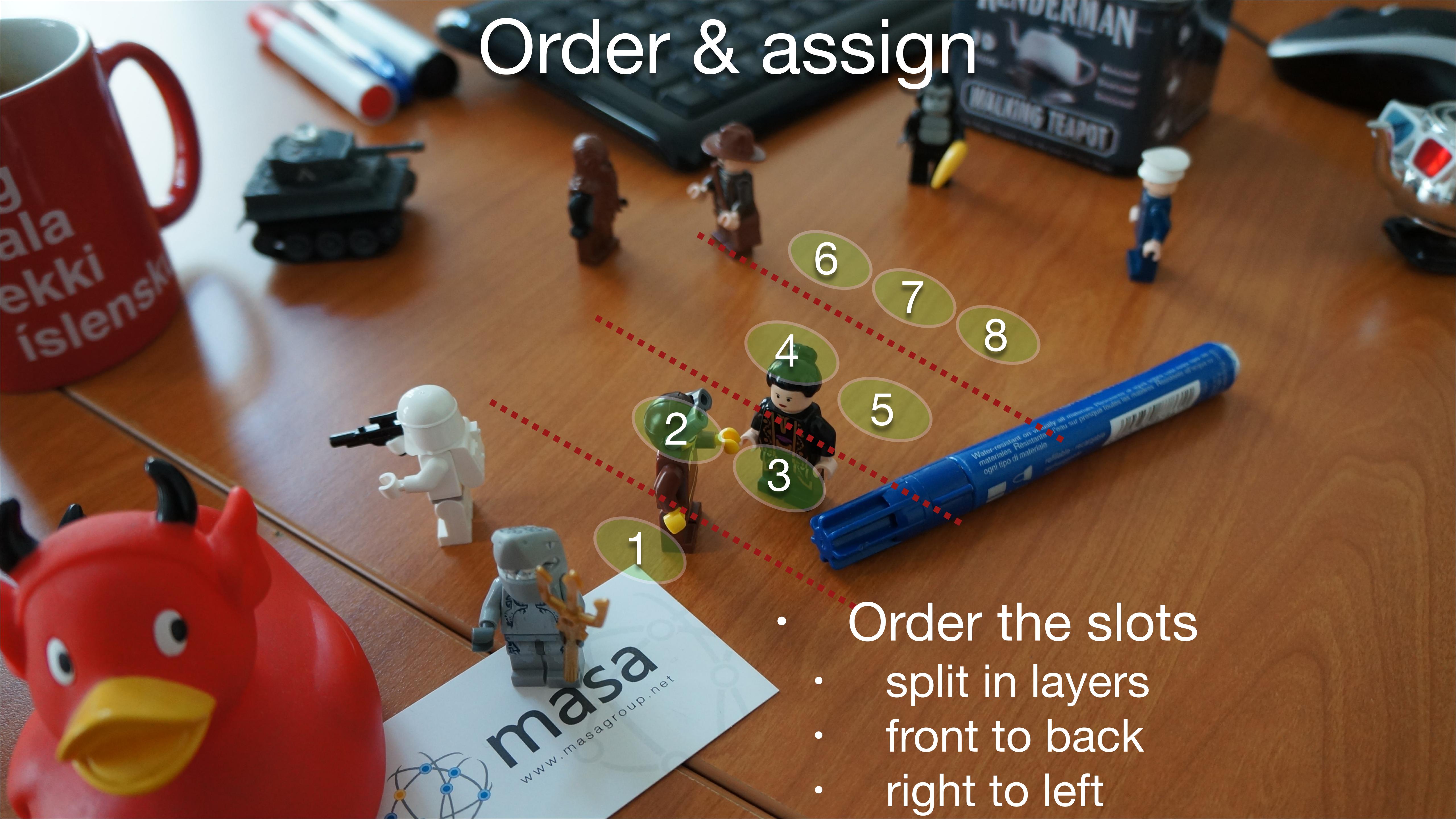


- Order the slots
 - split in layers
 - front to back
 - right to left

Order & assign

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 - split in layers
 - front to back
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Order & assign



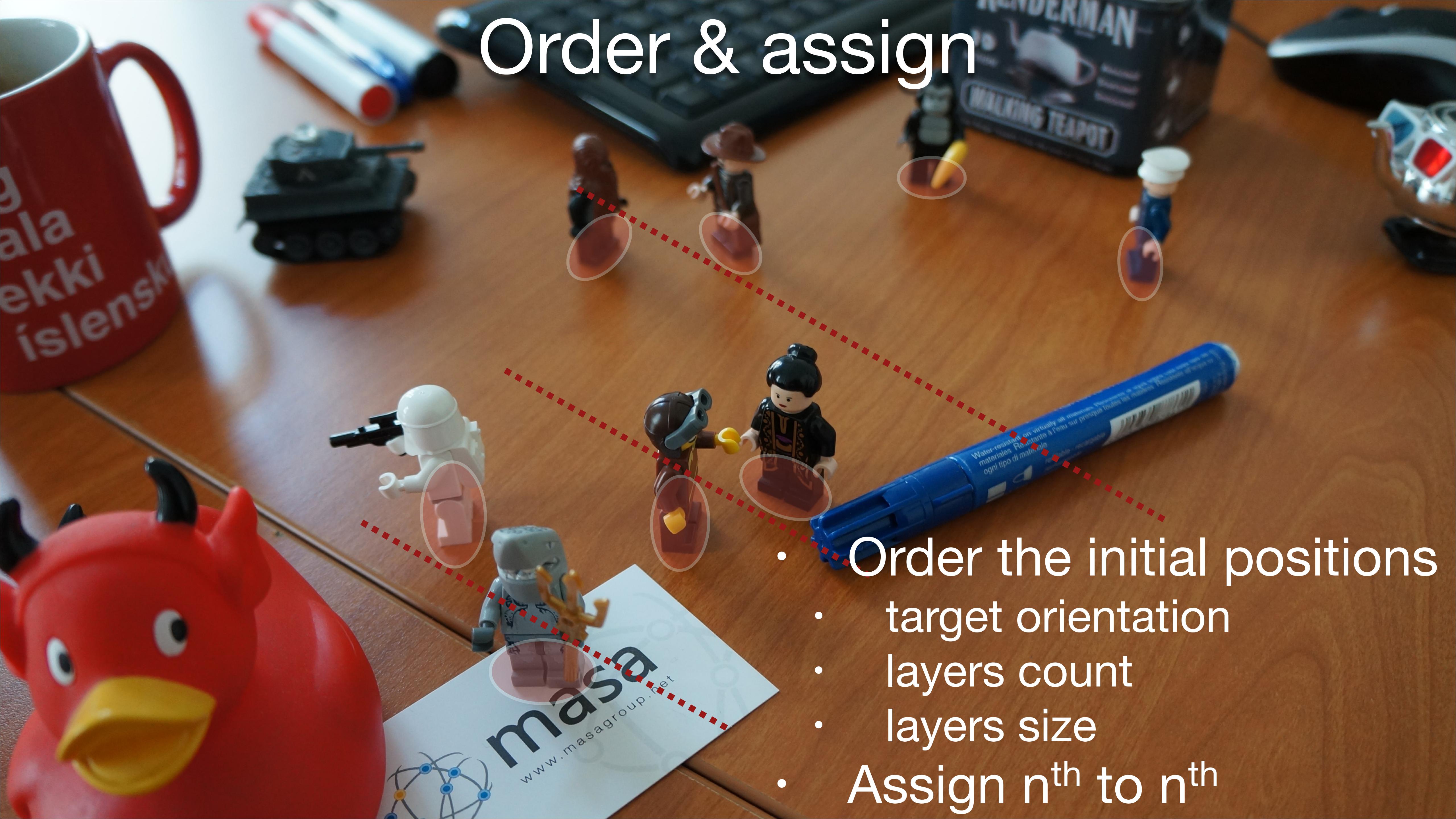
- Order the slots
 - split in layers
 - front to back
 - right to left

Order & assign

- Order the initial positions
 - target orientation
 - layers count
 - layers size
- Assign n^{th} to n^{th}

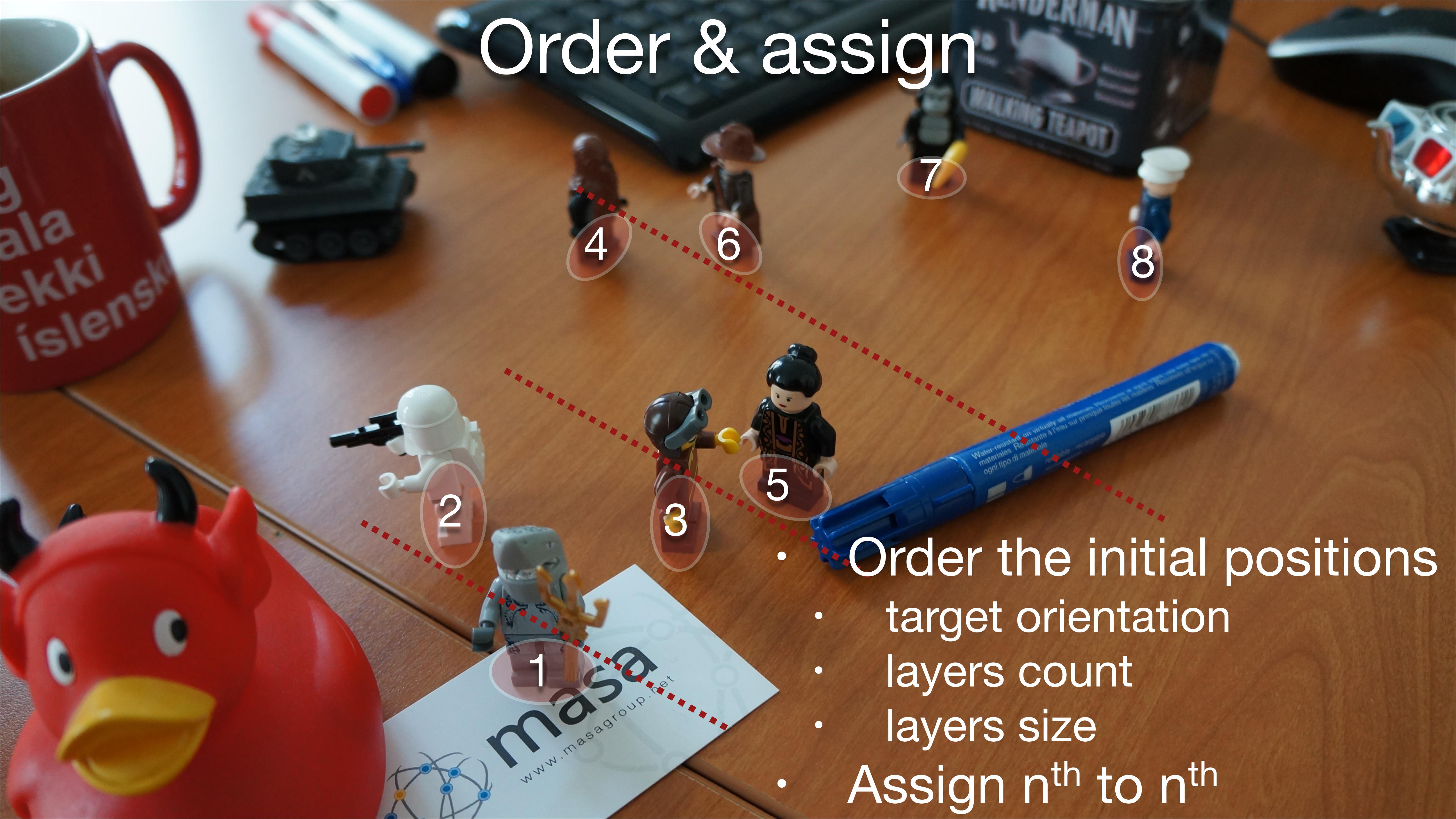


Order & assign



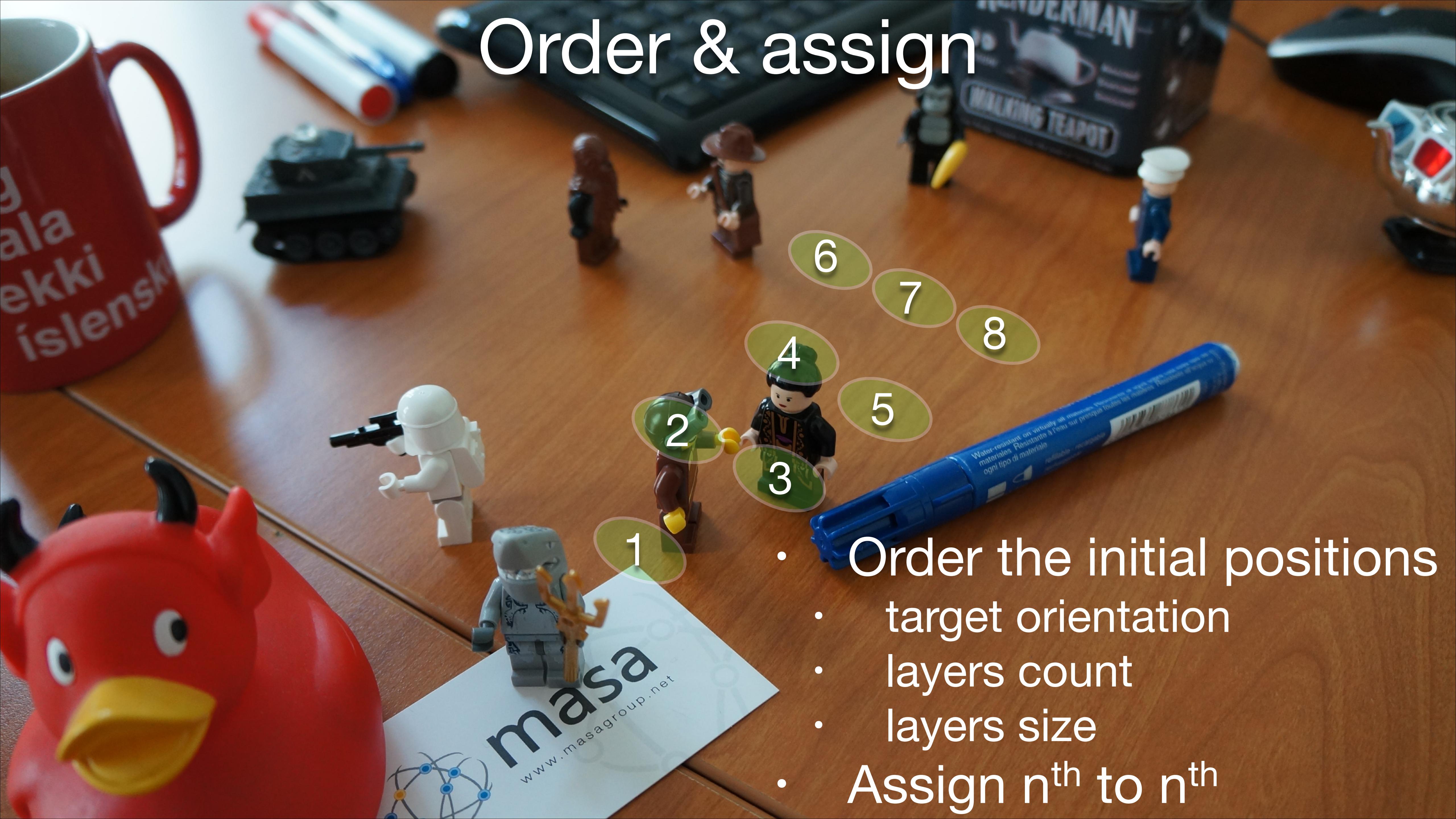
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Order & assign



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 - target orientation
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Everything is awesome!



Clodéric Mars
cloderic.mars@masagroup.net
@clodericmars