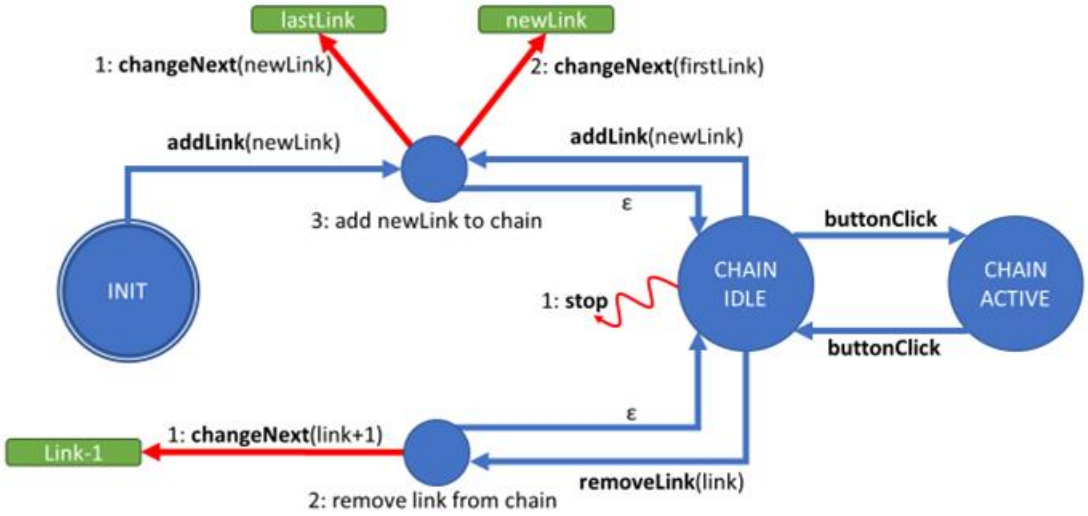
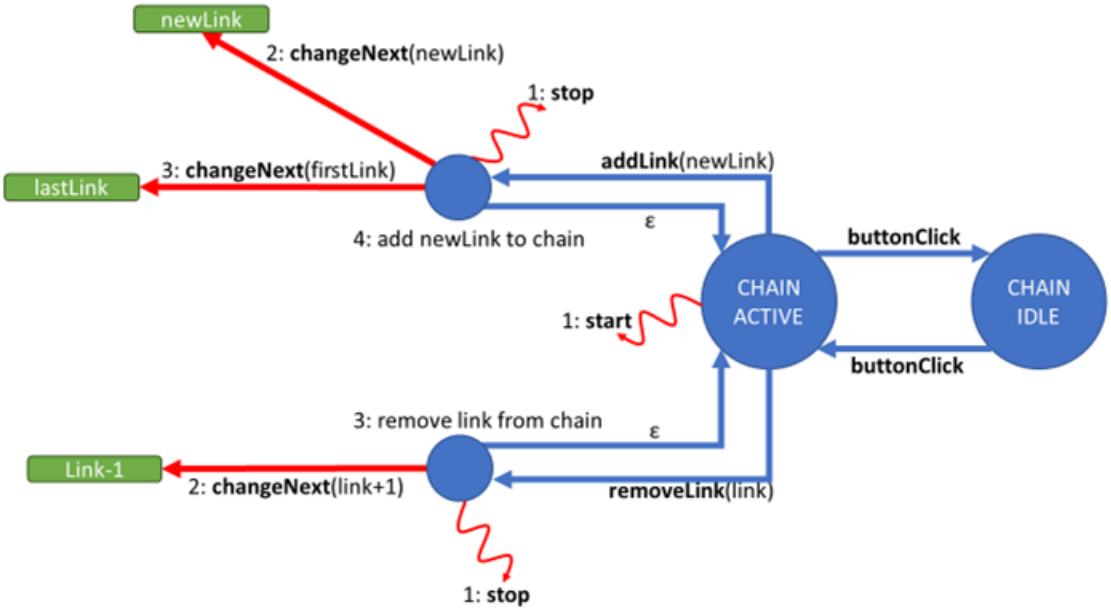
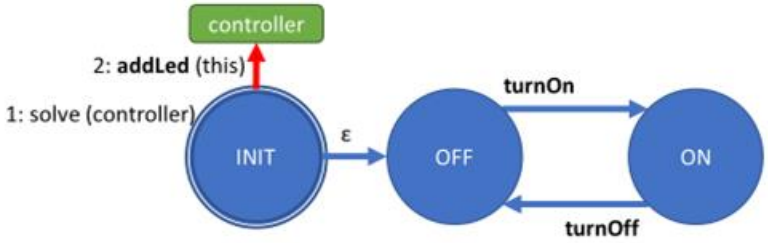
## RegistryControl

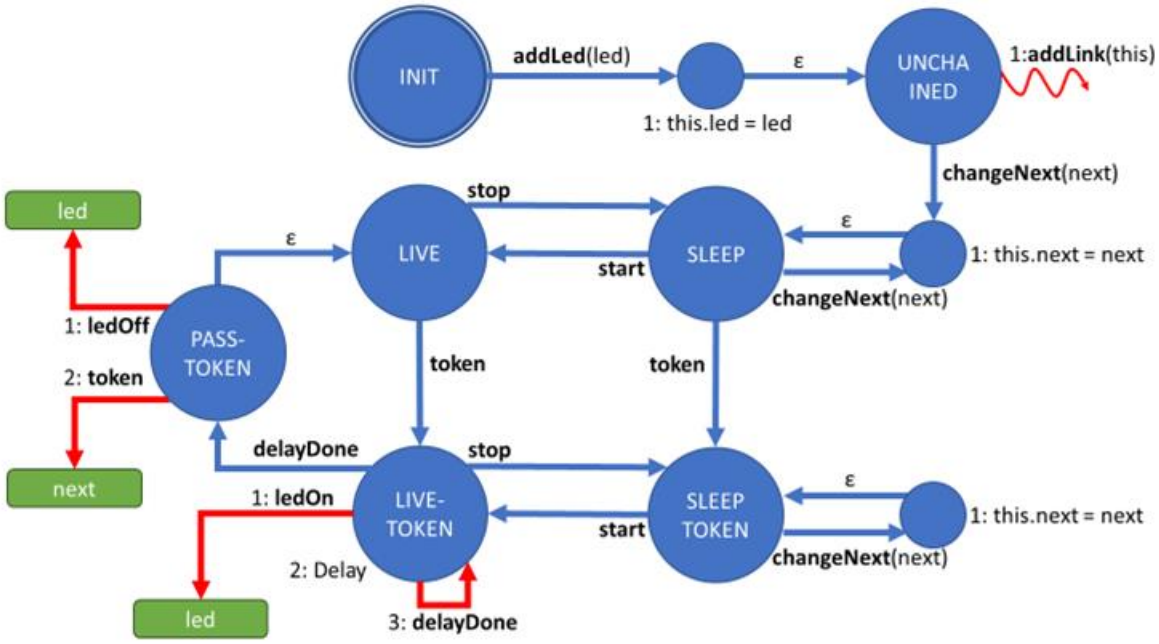


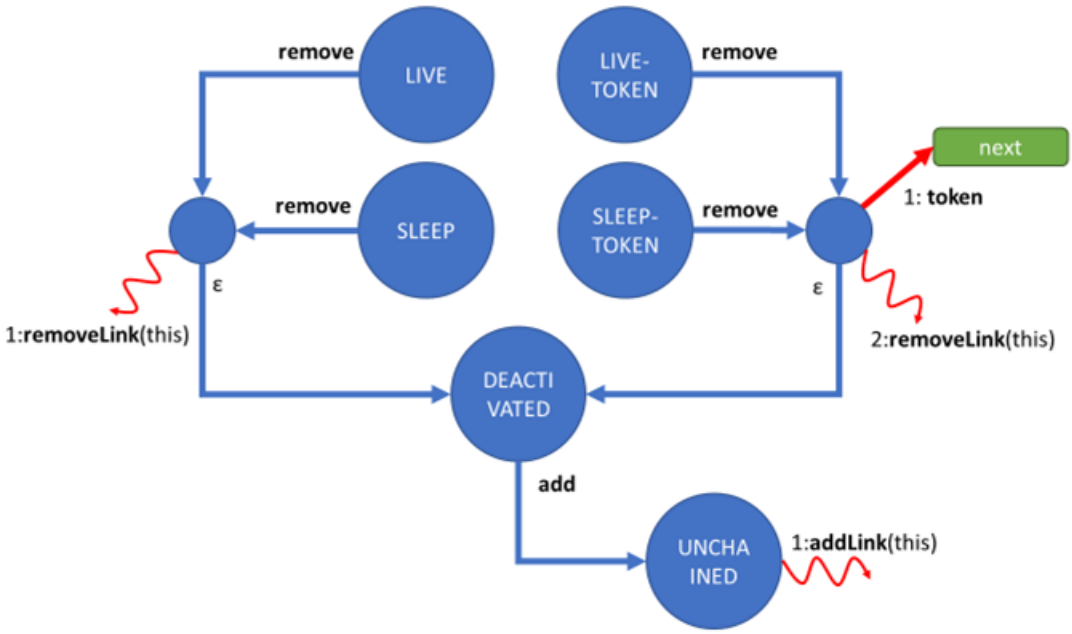

## LedActor



## StaticChainLinkActor




## DynamicChainLinkActor



| RegistryActor | INIT | CHAIN IDLE | CHAIN ACTIVE |
|---|---|---|---|
| **CLICK** | - | **CHAIN ACTIVE**<br>Emit START. | **CHAIN IDLE**<br>Emit STOP. |
| **ADD LINK** | **CHAIN IDLE**<br>add link to chain.<br>Send TOKEN to link. | Add link to chain.<br>Send CHANGE NEXT to previous kink and new link. | Emit STOP.<br>Add link to chain.<br>Send CHANGE NEXT to previous link and new link.<br>Emit START. |
| **REMOVE LINK** | - | Remove link from chain.<br>Send CHANGE NEXT to previous link. | Emit STOP.<br>Remove link to chain.<br>Send CHANGE NEXT to previous link.<br>Emit START. |

| StaticLinkActor | INIT | UNCHAINED | LIVE-TOKEN | SLEEP_TOKEN | LIVE | SLEEP |
|---|---|---|---|---|---|---|
| **START** | - | - | - | **LIVE-TOKEN**<br>Send ON to LedActor. | - | **LIVE** |
| **STOP** | - | - | **SLEEP-TOKEN** | - | **SLEEP** | - |
| **TOKEN** | - | - | - | - | **LIVE-TOKEN** | **SLEEP-TOKEN** |
| **DELAY DONE** | - | - | **LIVE**<br>Send OFF to LedActor.<br>Send TOKEN to next link. | - | - | - |
| **CHANGE NEXT** | - | **SLEEP**<br>Change next. | - | Change next. | - | Change next. |
| **ADD LED** | **UNCHAINED**<br>Add led. | - | - | - | - | - |

| DynamicLinkActor | INIT | UNCHAINED | LIVE-TOKEN | SLEEP_TOKEN | LIVE | SLEEP | DEACTIVATED |
|---|---|---|---|---|---|---|---|
| **START** | - | - | - | **LIVE-TOKEN**<br>Send ON to LedActor. | - | **LIVE** | - |
| **STOP** | - | - | **SLEEP-TOKEN** | - | **SLEEP** | - | - |
| **TOKEN** | - | - | - | - | **LIVE-TOKEN** | **SLEEP-TOKEN** | - |
| **DELAY DONE** | - | - | **LIVE**<br>Send OFF to LedActor.<br>Send TOKEN to next link. | - | - | - | - |
| **CHANGE NEXT** | - | **SLEEP**<br>Change next. | - | Change next. | - | Change next. | - |
| **ADD LED** | **UNCHAINED**<br>Add led. | - | - | - | - | - | - |
| **REMOVE** | - | - | **DEACTIVATED**<br>Send TOKEN to next link.<br>Emit REMOVE LINK. | **DEACTIVATED**<br>Send TOKEN to next link.<br>Emit REMOVE LINK. | **DEACTIVATED**<br>Emit REMOVE LINK. | **DEACTIVATED**<br>Emit REMOVE LINK. | - |
| **ADD** | - | - | - | - | - | - | **UNCHAINED** |