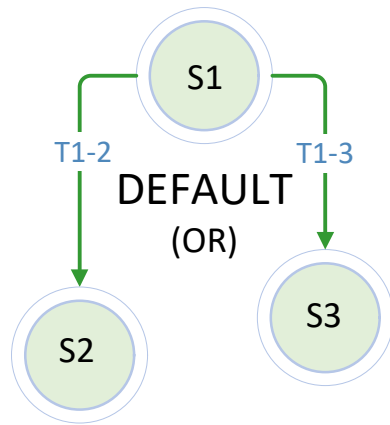
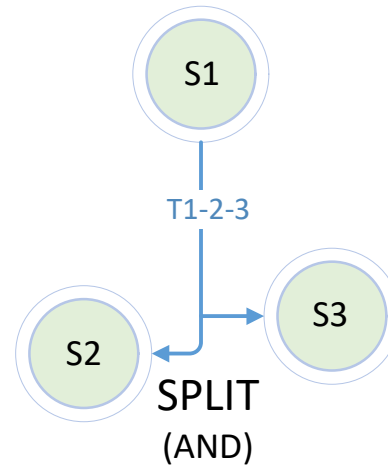
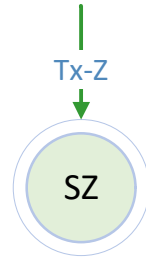


Reference Model

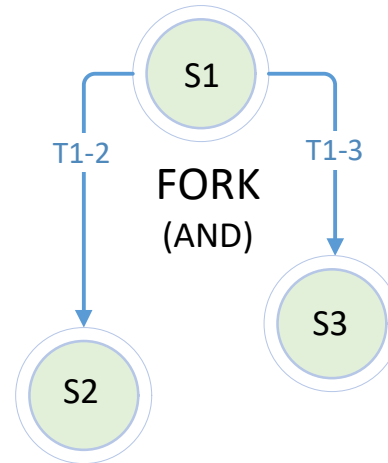
Usual behaviour is to emit a single transition, multiple are allowed.



Null transition emitted by default if no other emitted. Null transition can end a path. A single transition will be emitted automatically.

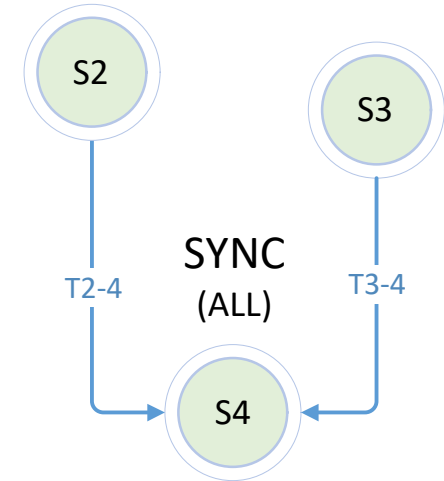


Forks & Splits allow multiple concurrent paths through a Workflow.

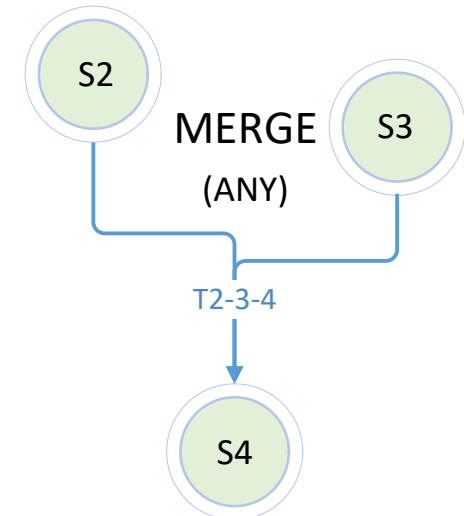


All Fork transitions must be emitted for Targets states to execute. Origin state will execute each cycle until transitioned.

All Sync transitions must be emitted before Target state is executed.



Sync & Merge both require all Origin states to execute for transition.



For MERGE, any Origin can emit the single transition, it must be the first to execute. All Origin states must execute, possibly in different dispatch cycles.

No State may have any dependency on a state that is not a direct ancestor.

Default State:

State

Should transition out when transitioned to. No transition ends path.

Idle State:

Idle State

Transition out maybe deferred. Workflow maybe resumed from an Idle state. Engine stops when all active states are Idle states.

Terminal State:

Terminal State

Transition out not permitted. Workflow is finished when only Terminal state is active state. Always runs as only state in final dispatch cycle.

StateEngine Primitive State Transitions

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Version: 1.0

When multiple states are active in a dispatch cycle, they execute in the order defined in the model.