

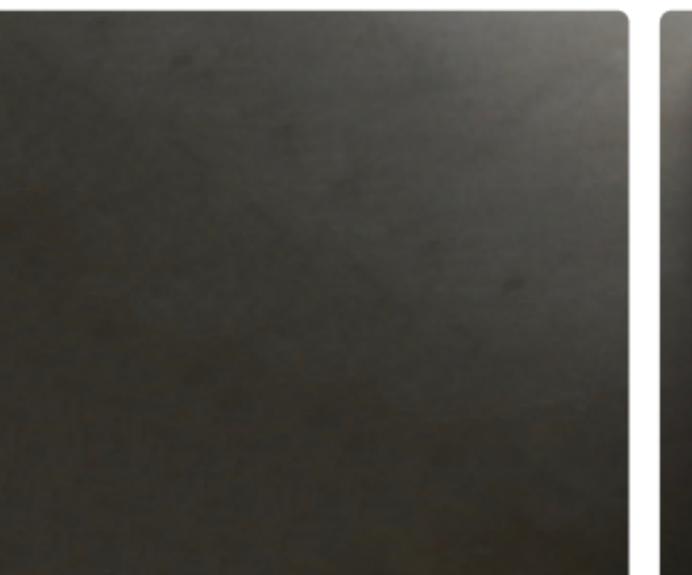
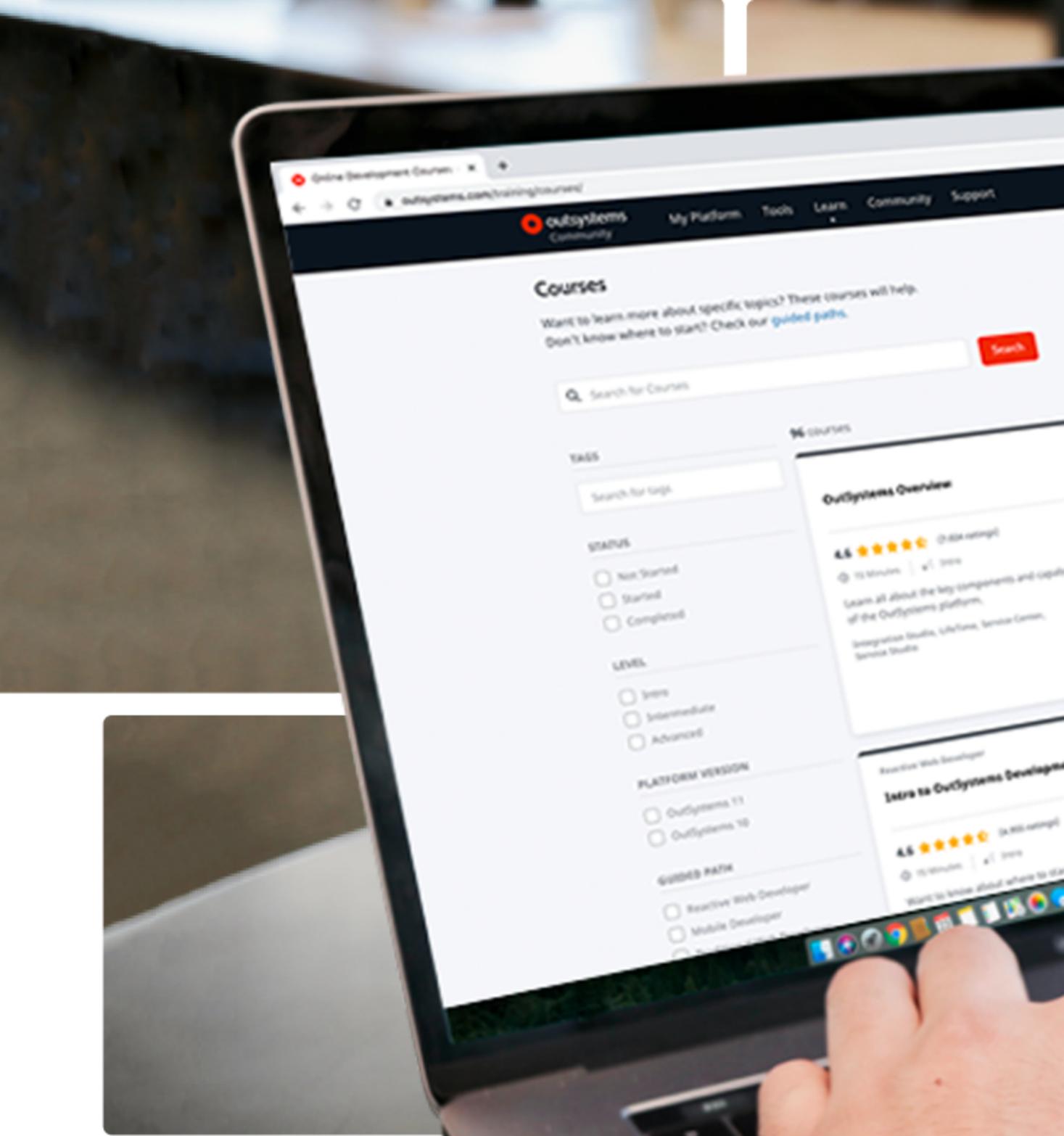


Block Events

What is an Event?

Triggering and Handling Events

Execution Flow

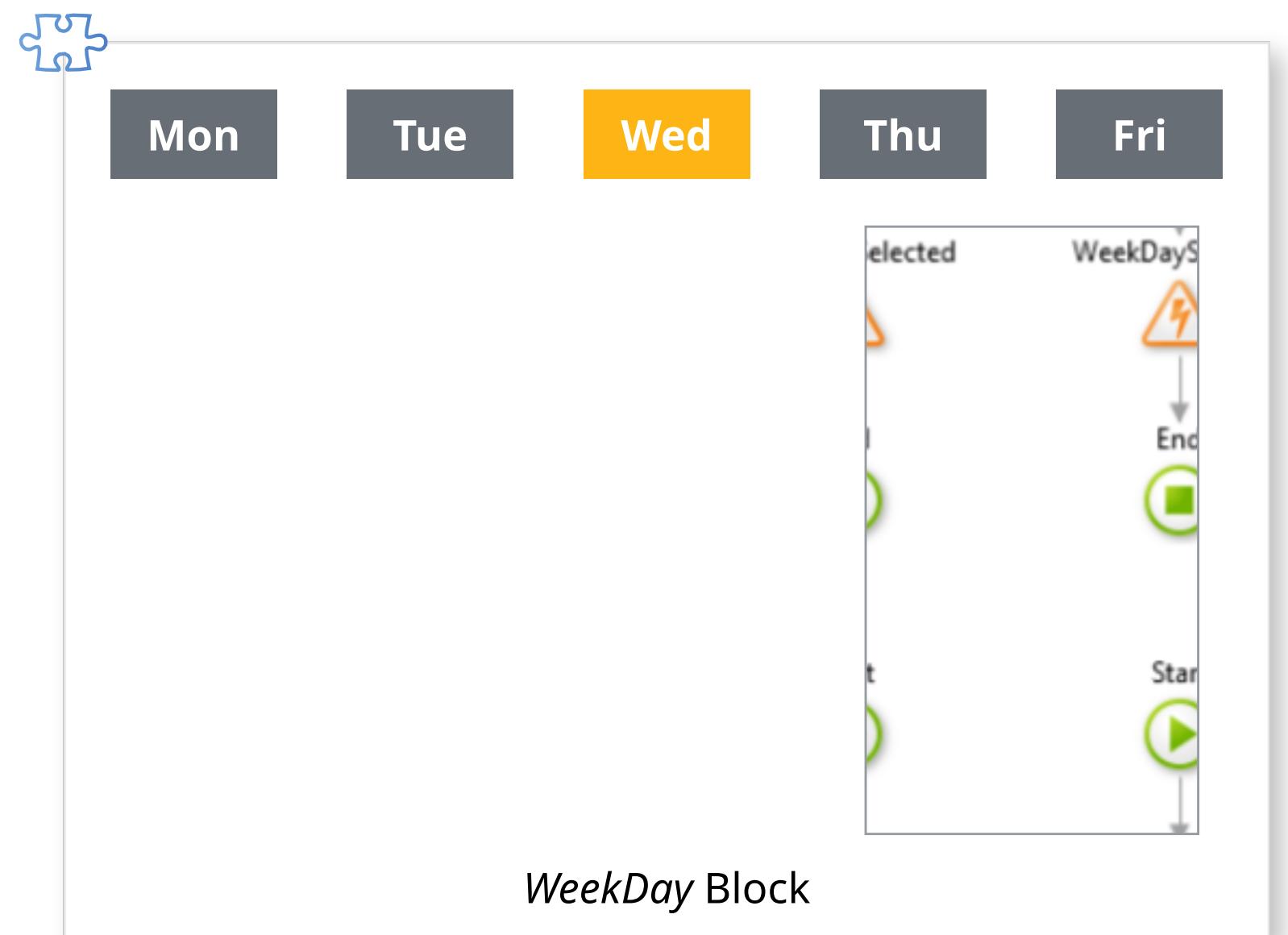


What is an Event?

An **Event** allows a Block to **notify** its Parent **of an occurrence.**

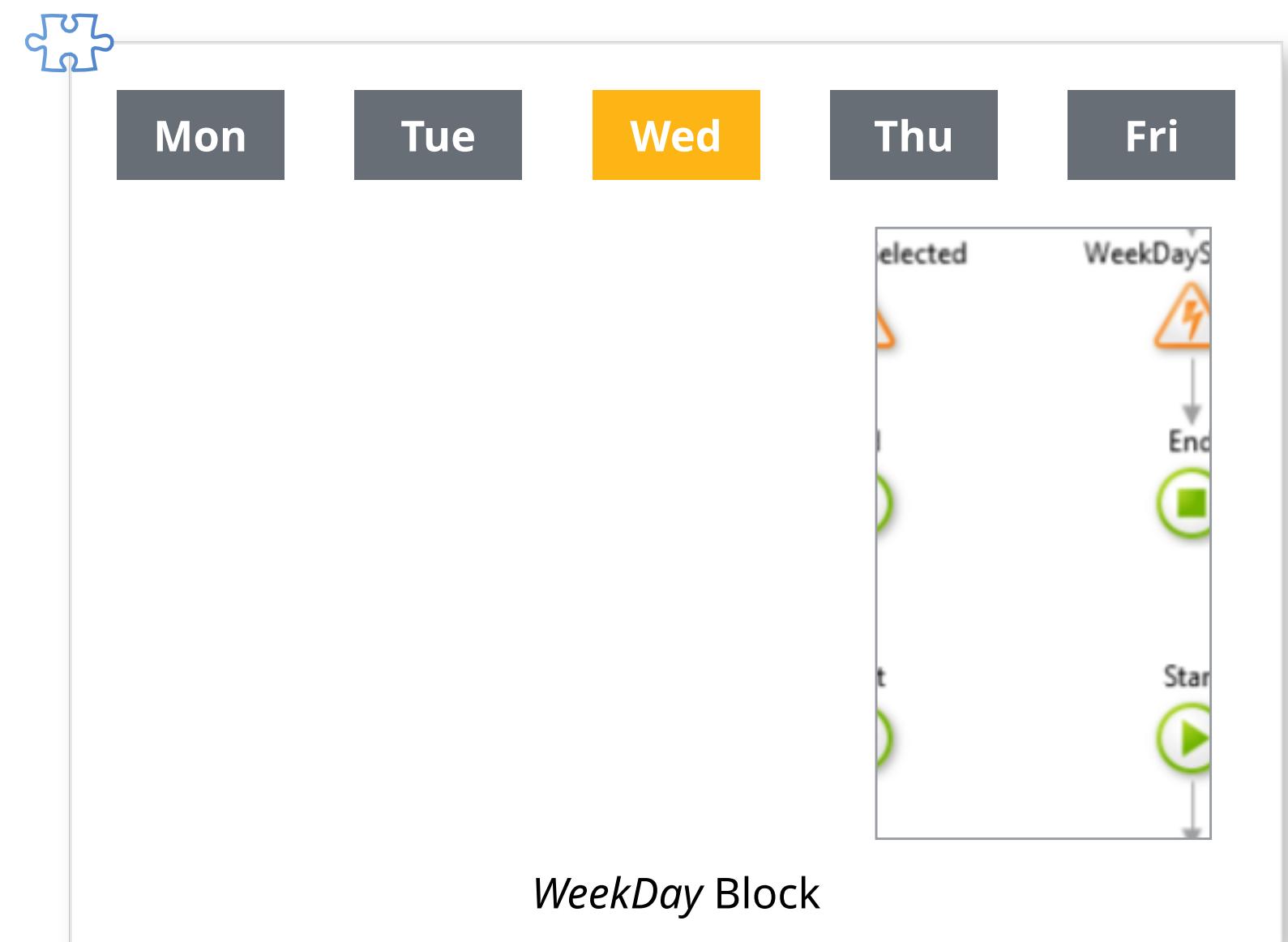
⚡ Events

- Interaction with parent is done using Events
 - Block triggers an Event
 - Parent handles it



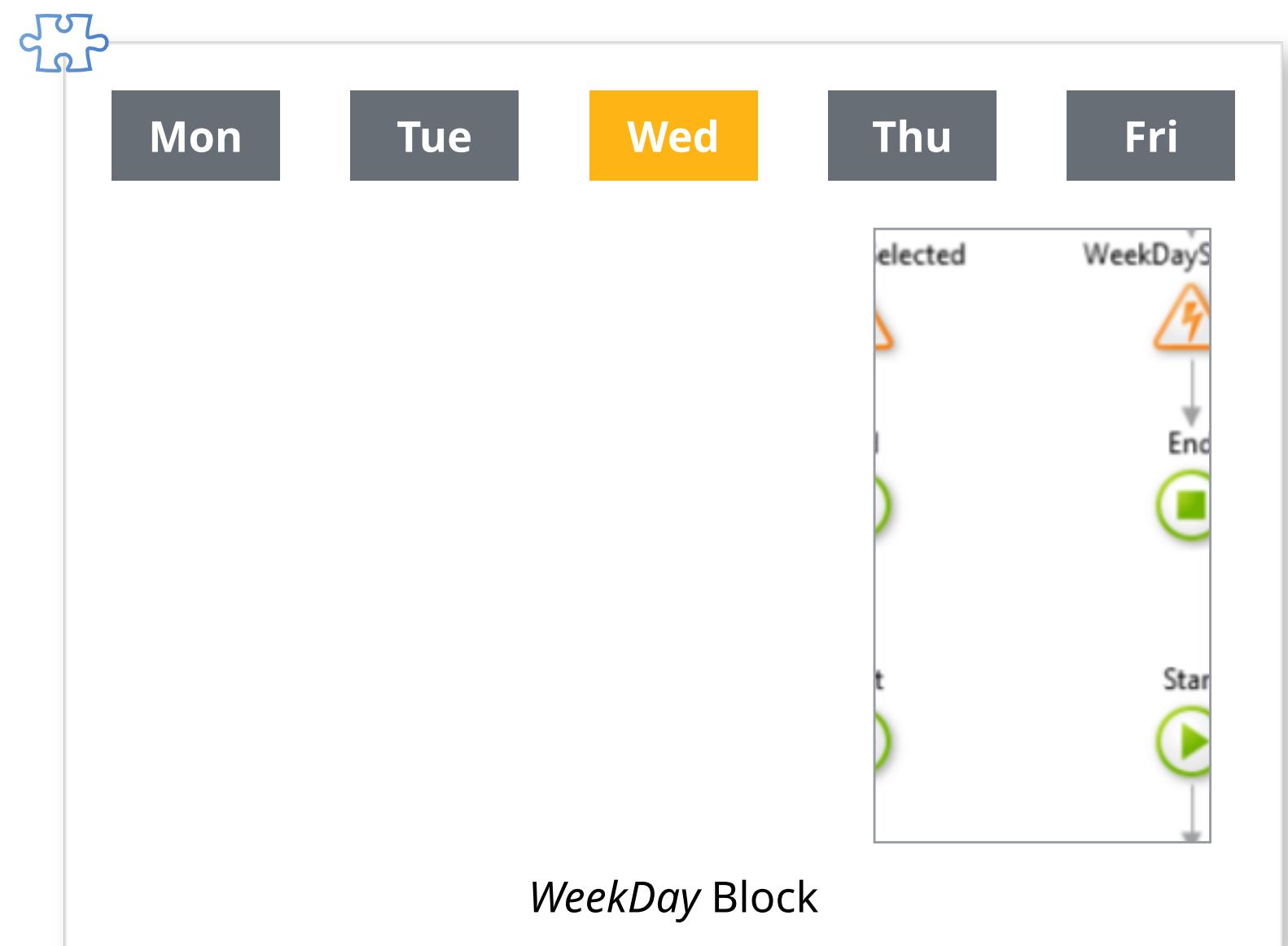
Events

- Interaction with parent is done using Events
 - Block triggers an Event
 - Parent handles it
- Events are created inside Blocks
 - Have Input Parameters to send data to the parent
 - Be defined as mandatory



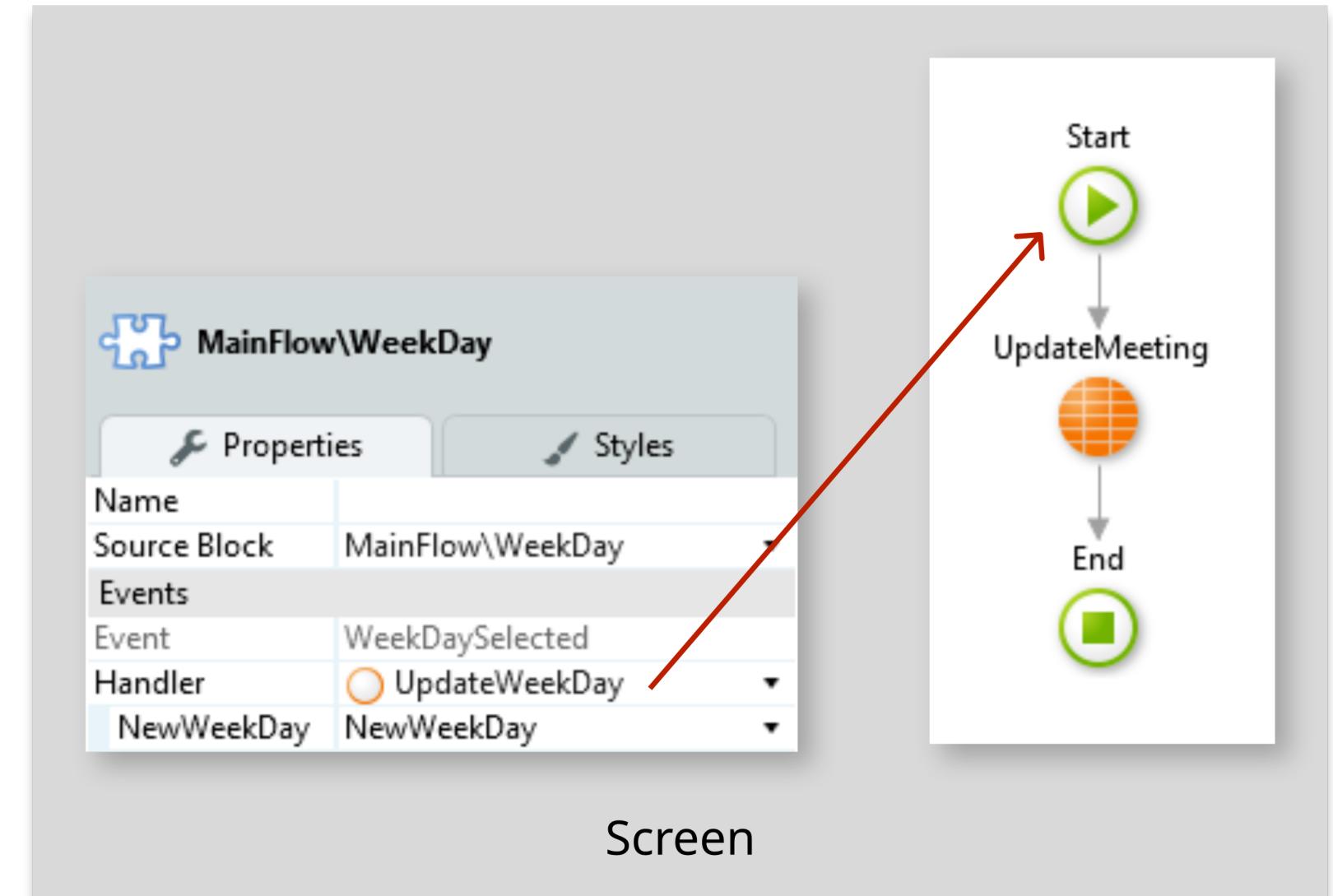
Why do we need to Trigger Events?

- Blocks and their parents have different scopes
- Parent may have elements that depend on actions performed inside the Block instance
- Triggering an Event allows the Block to notify the parent



Handling Events

- When a Block triggers an Event...
 - The Event Handler is executed
- An Event Handler
 - Defines the logic to execute when an event is triggered
 - Has access to the Input Parameters of the Event
 - Has access to the parent's scope



Event Execution Flow

WeekDay

Screen

Event Execution Flow

WeekDay

The screenshot shows a WeekDay screen with a navigation bar at the top and a WeekDay Block below it. The WeekDay Block contains a flowchart with nodes: Start (green play button), WeekDaySelected (orange lightning bolt), and End (green square). A properties panel on the right is open for the MainFlow\WeekDay block, showing the following configuration:

Name	Source Block
Name	MainFlow\WeekDay
Source Block	MainFlow\WeekDay
Events	
Event	WeekDaySelected
Handler	UpdateWeekDay
NewWeekDay	NewWeekDay

WeekDay Block

Screen

Event Execution Flow

WeekDay

The screenshot shows a WeekDay screen with a WeekDay Block. The WeekDay Block contains a flowchart with nodes: Start (green play button), WeekDaySelected (orange lightning bolt), and End (green square). A red arrow points from the '1' on the Tuesday button to the Start node. The WeekDay screen has tabs for Mon, Tue, Wed, Thu, and Fri, with Tue selected.

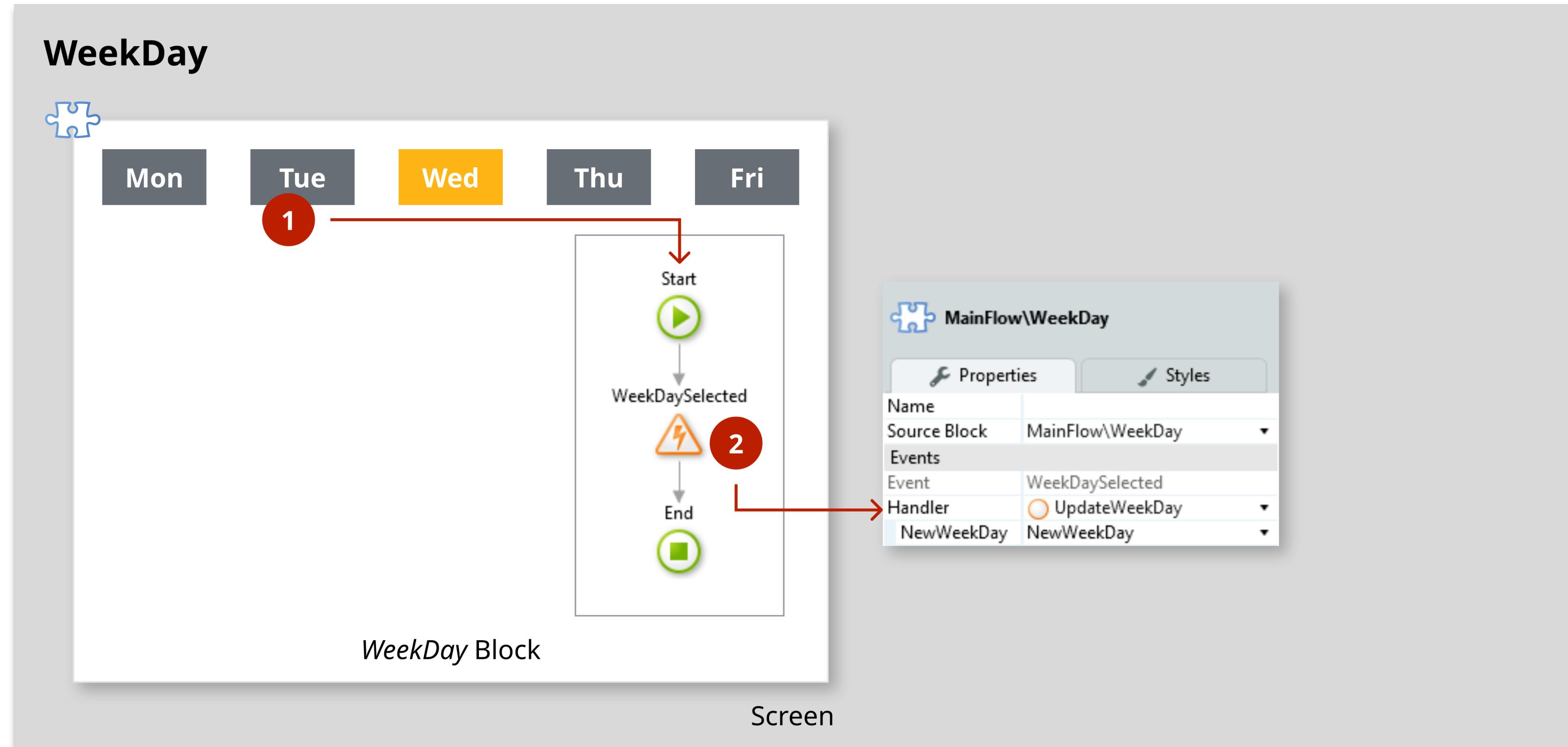
MainFlow\WeekDay

Name	Source Block
Source Block	MainFlow\WeekDay
Events	WeekDaySelected
Event	WeekDaySelected
Handler	UpdateWeekDay
NewWeekDay	NewWeekDay

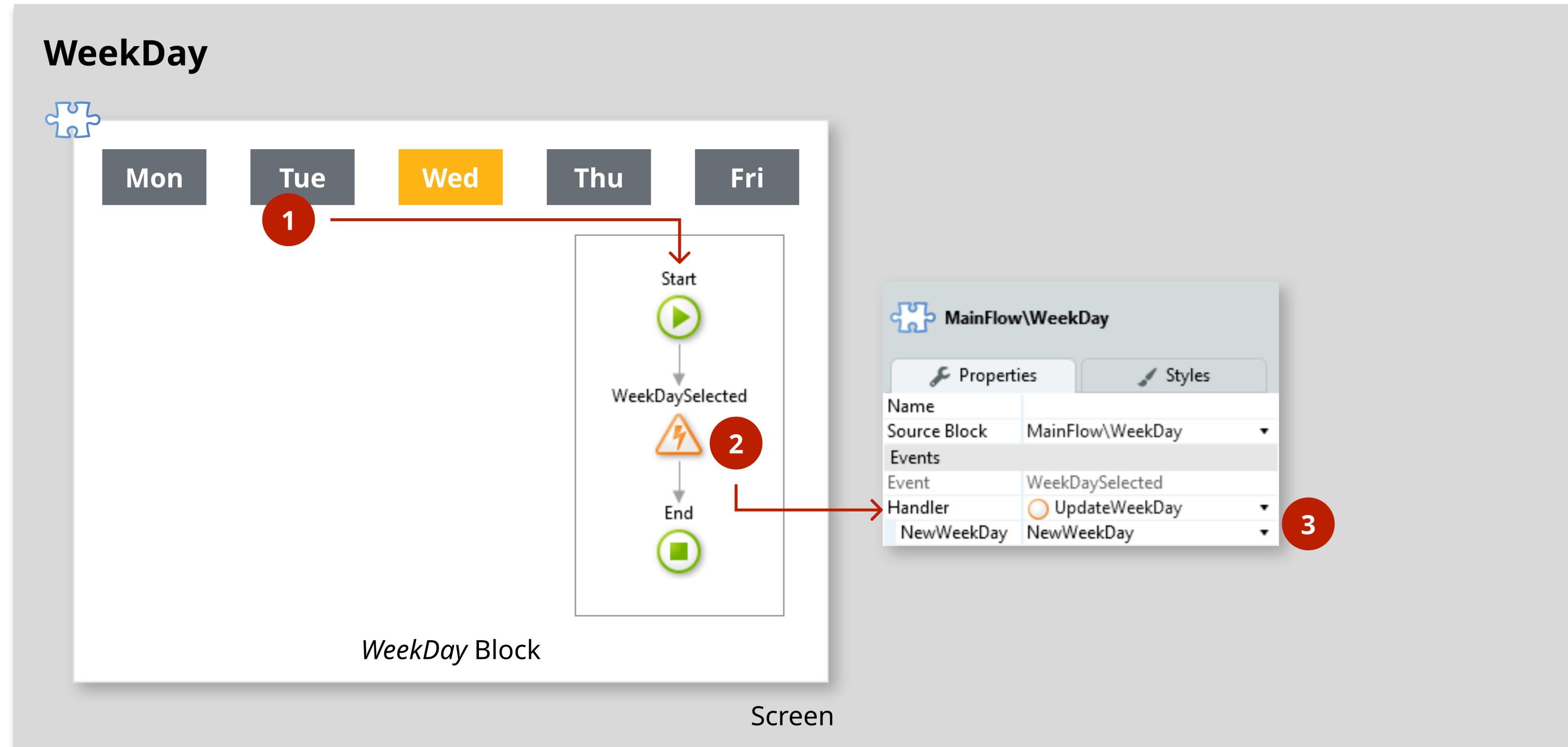
WeekDay Block

Screen

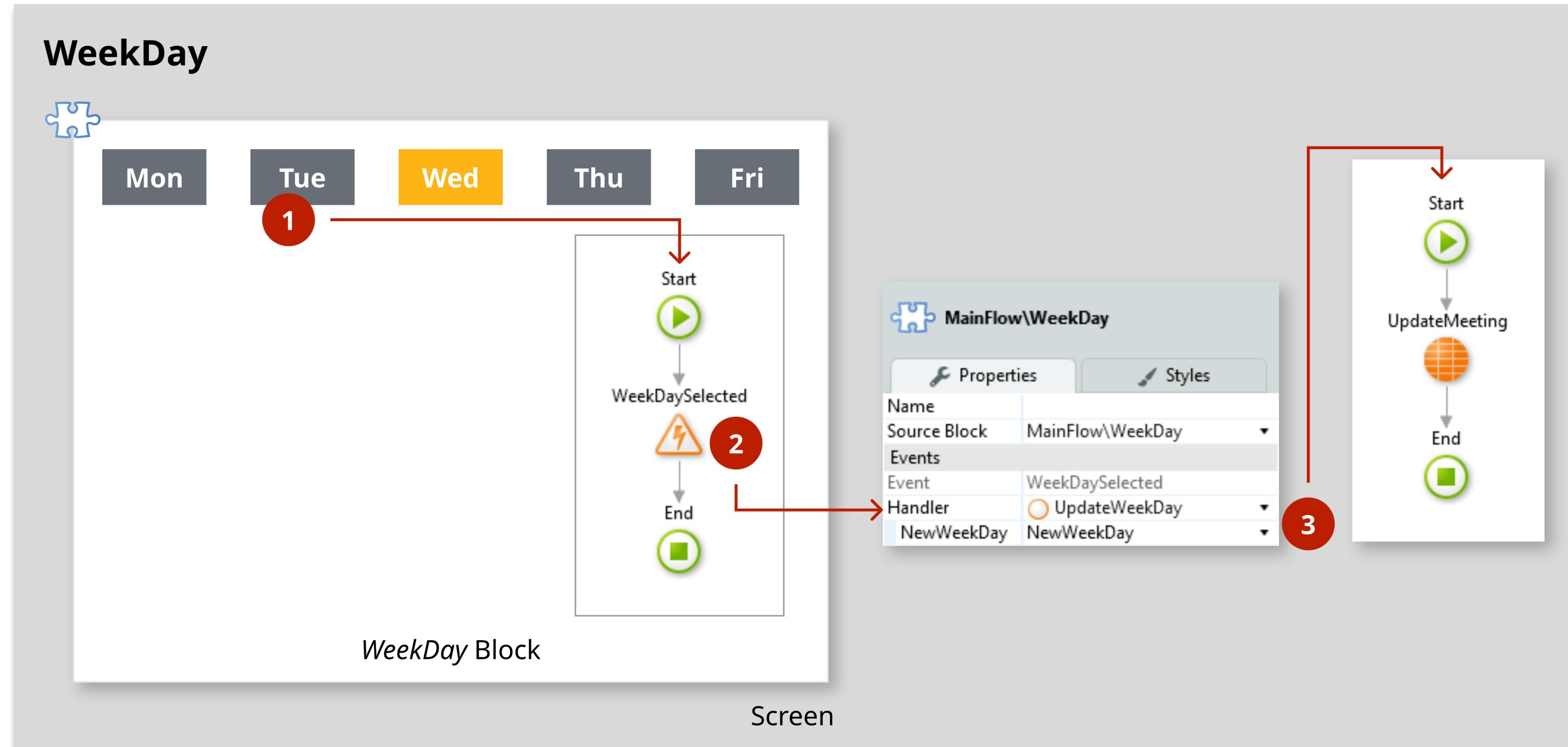
Event Execution Flow



Event Execution Flow



Event Execution Flow



Event Execution Flow

