

Survey on OutSystems BPT notations

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Part 1 - Visual representations

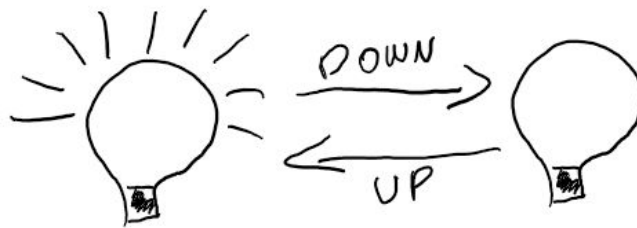
For each of these concepts, we provide you with space so that you can draw the visual representations (not necessarily a single icon) for the BPT (Business Process Technology) language in OutSystems. Please draw a representation which, in your opinion, best fits the description of the concept.

Notes:

- **Participation is voluntary and anonymous.** Although there is no fixed time limit for completing this questionnaire, we estimate that, overall, it should not exceed around 30 minutes. Thank you very much for your kind participation.
- There are no right or wrong answers, so you're invited to use your best judgment to visually represent those concepts, as best as you can.

Example from an unrelated language: Represent a light bulb switching state (on and off) based on an event.

Your suggestion:



1. Pauses the flow waiting for a timeout.

Your suggestion:

2. Represent parallelism. The process execution path divides into two parallel paths.

Your suggestion:

3. Runs a subprocess. The parent process only proceeds after all flows of the subprocess finish.

Your suggestion:

4. Initiates the process.

Your suggestion:

5. Sends a specified email message in the process flow.

Your suggestion:

6. Pauses the execution waiting for a DB event

Your suggestion:

7. Finishes a process flow. The process may continue in parallel flows.

Your suggestion:

8. Directs the execution path to a specific activity based on custom logic.

Your suggestion:

9. Performs custom logic in the application or in external systems.

Your suggestion:

10. Initiates an alternative flow and may be triggered by a DB event or an explicit API call.

Your suggestion:

11. Represent a fork and join: The main execution path is divided into two parallel paths and *after each path has finished their task*, they merge back into the main execution.

Your suggestion:

12. Terminate all the flows of the a process.

Your suggestion:

13. Waits for a user, or group, to complete the given task.

Your suggestion:

14. Used to broadcast an event (via DB) or call an API to deliver an event to a specific activity or process.

Your suggestion:

15. Pauses the execution path and resumes when a specific API action is called.

Your suggestion:

Part 2 - Background information questionnaire

Please fill in this background questionnaire:

1. Age: _____
2. Gender: Female / Male
3. Nationality: _____
4. Completed academic degrees: BSc / MSc / PhD
5. Degree in: Informatics / Other area ; which area? _____

6. Are you familiar with other process modeling techniques/languages? Yes / No
7. If you are, which are you familiar with?
 BPMN
 OutSystems BPT
 Others: _____

8. Have you ever used any process modeling language? Yes / No
9. If you have, which process modeling languages have you used before?
 BPMN
 OutSystems BPT
 Others: _____

10. How often do you use process modeling languages in your professional activities (please choose the closest match)?
 Every day
 once per week
 once per month
 once per year
 occasionally (but less than once per year)
 never

11. If you have used process modeling languages, please state in which context have you used them (please choose all that apply):
 educational
 industry
 research
 entertainment