

YacaLite v. 0.5 — What's New

Pierre — 2016-04-24





This document lists the new features included in version 0.5 of YacaLite.

Augmented Set of Components


The set of components has been augmented (see the v. 0.5 palette below).



In order of appearance (from left to right):

- The “start event” is replaced by a “play event”. While the “start event” was borrowed to BPMN, the “play event” is borrowed to YAWL (“input condition”). This change results from discussions with Samy and Stephan (see additional events below).
- A “**plan task**” is proposed; it aims at depicting actions that consist of organizing tasks, breaking down a product (PBS) or a project (WBS), of identifying resources (RBS) and costs (CBS), of scheduling activities by means of a scheduling software, etc.
- The “interact with IT system task”, “write a document task”, “draw (3D model, 2D drawing) task” and “make task” are unchanged.
- A “**handle task**” and a “**transport task**” are proposed. They are respectively for handling operations to be performed within a facility and for road transportation of products or assemblies between facilities. These two new components result from a discussion with Olivier.
- The “collaborate task” image was been redesigned to feature an image that is free of copyright. A “**collaborate gate**” is added. Then the two additional means for designing collaborative actions are unchanged.
- The “verify task” is also unchanged.
- A “**get informed task**” is added. Beforehand, the     components were proposed to feature these situations, but it appeared that they were not used with this intention, so the “get informed task”. This task is aimed to be located in lanes where process contributors are expected to get informed from documents they receive.
- A “**composite task**” is also proposed. It aims at referring to sub-processes that are described on separate diagrams.
- Two additional events are added: a “pause event” and a “rewind event”; both aim at reducing the numbers of links/arrows featured on a diagram. The “**pause event**” shall be used after a contributor has performed a task and is likely to run other tasks later on in the process. The “**rewind event**” shall be used when something wrong occurred; it is then up to the process contributor to assess where back in the process diagram to restart. This results from discussions with Samy and Stephan.
- The “end event” has been replaced by a “stop event” in the spirit of the “start event” above; it is borrowed to YAWL (“output condition”). This also results from the same discussions with Samy and Stephan.

The features of the second line of the palette are unchanged.


On the third line, a new icon is added . Instead of one additional vertical or horizontal gridline to be added next to the selected one, this is a set of five gridlines.

The document opens with the palette that is fixed to the window (while beforehand it was fixed to the canvas). By doing so, the palette is always in sight! It can still be moved! To access the document menu, either move the palette or close it. This was a request from Emanuele. The problem mentioned by Samy related to the size of the palette when moving it to the right is by the way solved.

Behaviour of the canvas area

By double-clicking somewhere on the canvas (not on an existing component!) a “red crosshair” cover the closest vertical and horizontal gridlines. The next component to be added will then be positioned at this intersection. If the intersection is already occupied, the new component will be added at the next available intersection. This was a request from Samy.

The Escape key is associated to the *deselection* of selected component. This is a request from Emanuele.

The behaviour of the     components has also been modified to ease their selection. This is also a request from Emanuele.

SVG Exports

SVG exports have been enhanced. If the document abstract field is fed in the following way:

▼ [ID] /	YACA PROCESS DIAGRAM /
Process name	[Process name] /
Abstract	layout=LOGOS; EDMS=12345678; version=0.1; status=DRAFT; ref=XXX-XXX-XX-0001; date=2016-04-23; subt=ANNEX 1;
Contributors	+ Pierre /

with LOGOS replaced by **CERN** or **HL**, and so on and so forth, then the SVG file will include the classical CERN document layout with either the CERN logo or the CERN and HL-LHC logos. Note: the '=' and ';' shall not be omitted. An enhanced interface for capturing these parameters should be offered with next release.

The spacing with multi-line texts on lane labels is also corrected.

Yaca Diagram File Portability

The Yaca diagram files created with v. 0.4 are (should be) fully readable in v. 0.5 with one exception: the lanes. They may need to be deleted and recreated.

If you have any difficulty in using this version, please let me know: yaca@bonnal.eu