

How to transform the CPW Process into the BPMN Process?

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Here is introduced the CPW Process to BPMN Process Transformation, and it is the question, how can be transformed a CPW Process into a BPMN Process?

First of all there are Swimlanes at the CPW Process and as well as at the BPMN Process. One Swimlane can be assigned one responsibility, which can be a function or an organizational unit, and which is described in the header of the Swimlane.

At the CPW Process all process steps are assigned then to one responsibility within a Swimlane.

The same applies to the BPMN Process. Also here all process steps are assigned then to one responsibility within a Swimlane.

Because at the CPW Process every process step is represented as a simple sentence with a CPW Subject, a CPW Predicate and a CPW Object, it is possible to read every process step as a simple sentence with a subject, a predicate and an object. Thereby the reader of a process step doesn't need the information of the header of the Swimlane, where the responsibility is, because at every process step of the CPW Process the responsibility is described through a CPW Subject.

On the one hand you could say, that this is needless and redundant, because in the header of the Swimlane is already the responsibility. And on the other hand it is much more easier for the reader, because when the reader tries to read a process step, where then the reader tries to form the simple sentence in his mind, the reader hasn't to jump with his eyes from the particular process step to the header of the Swimlane, to form then the complete simple sentence with a subject, a predicate and an object. This means it is much more easier for the reader to read the process steps, and it is possible for the reader to read every process step as a simple sentence with the CPW Process.

You could also say now for experienced process experts there is not a need to have for every process step a specific responsibility with a subject, but on the other hand it is much more easier to read the process steps, and every process step is formed as a simple sentence with a subject, a predicate and an object, and therefore every process step is assigned to a specific responsibility, and furthermore is every process step at the CPW Process in the context of a responsibility with a CPW Subject and the process result with the CPW Object.

Furthermore it is possible to make now a differentiation regarding the responsibility at the CPW Process , where a number of process steps at the CPW Process are assigned to the same Swimlane with one responsibility.

On the one hand all process steps within a Swimlane are assigned to the same responsibility through the Swimlane Header, and on the other hand at the CPW Process of a process step can be done now a differentiation regarding the responsibility through the CPW Subject.

To a Header of a Swimlane are assigned for example a function and an organizational unit as a responsibility. The CPW Subjects of every CPW Process of all process steps within a Swimlane are basically automatically assigned then to the same responsibility with the same function and organizational unit from the header of the respective Swimlane.

To the respective function and organizational unit at a CPW Subject of a CPW Process and of a process step within a Swimlane can be added then for example a sub function and sub organizational unit, and also the responsible Person with the respective first name and surname. Therefore it is possible within a Swimlane at the process steps at the CPW Subjects of the CPW Processes to make a further differentiation regarding the responsibilities.

Because at a process step of a BPMN Process exists always only one bubble and in the bubble doesn't exist the responsibility of the respective process step, because the responsibility is specified through the Header of the Swimlane, is at the BPMN Process method a further differentiation not possible regarding the responsibility within a Swimlane in the particular process steps.

If you want now to transform all process steps with the CPW Processes of a Swimlane with the respective responsibility, which is described in the Header of the Swimlane, to a BPMN Process, you can proceed as follows:

The respective Swimlane with Header and their assigned responsibility of the CPW Process can be adopted one to one for the Swimlane with Header and their responsibility of the BPMN Process.

At the particular process steps of the CPW Process, which is represented with a simple sentence with a CPW Subject, a CPW Predicate and a CPW Object, are taken together only the CPW Predicate and the CPW Object of a CPW Process, and they are connected and linked together, to represent them then in a process step of a BPMN Process with a BPMN Activity. If you have transformed all CPW Processes into a BPMN Process, you have processed the CPW Process to BPMN Process Transformation.

The following figure 1 shows the CPW Process to BPMN Process Transformation, and the following figure 2 shows the Example coffee shop of the CPW Process to BPMN Process Transformation:

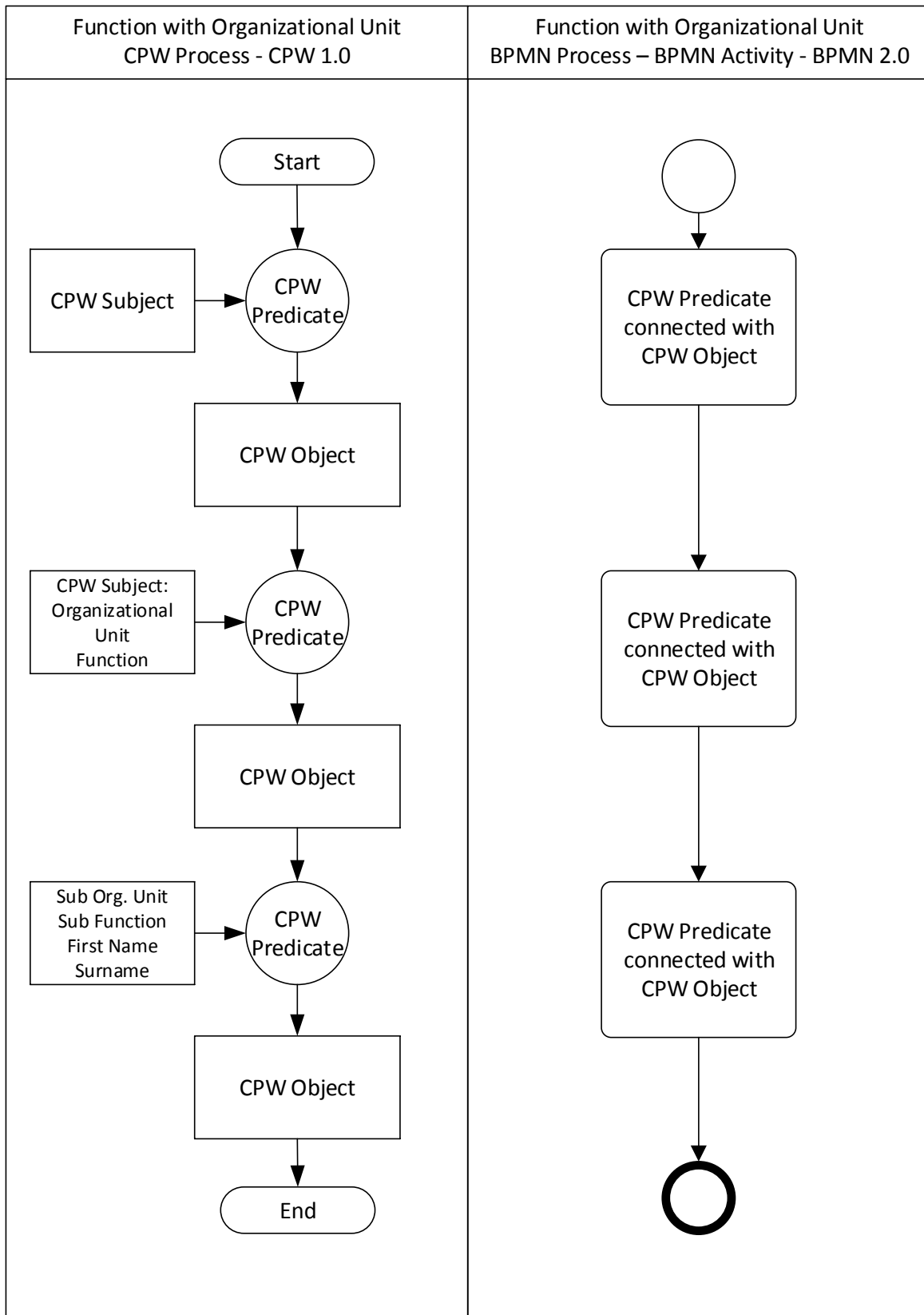


Fig. 1: The CPW Process to BPMN Process Transformation

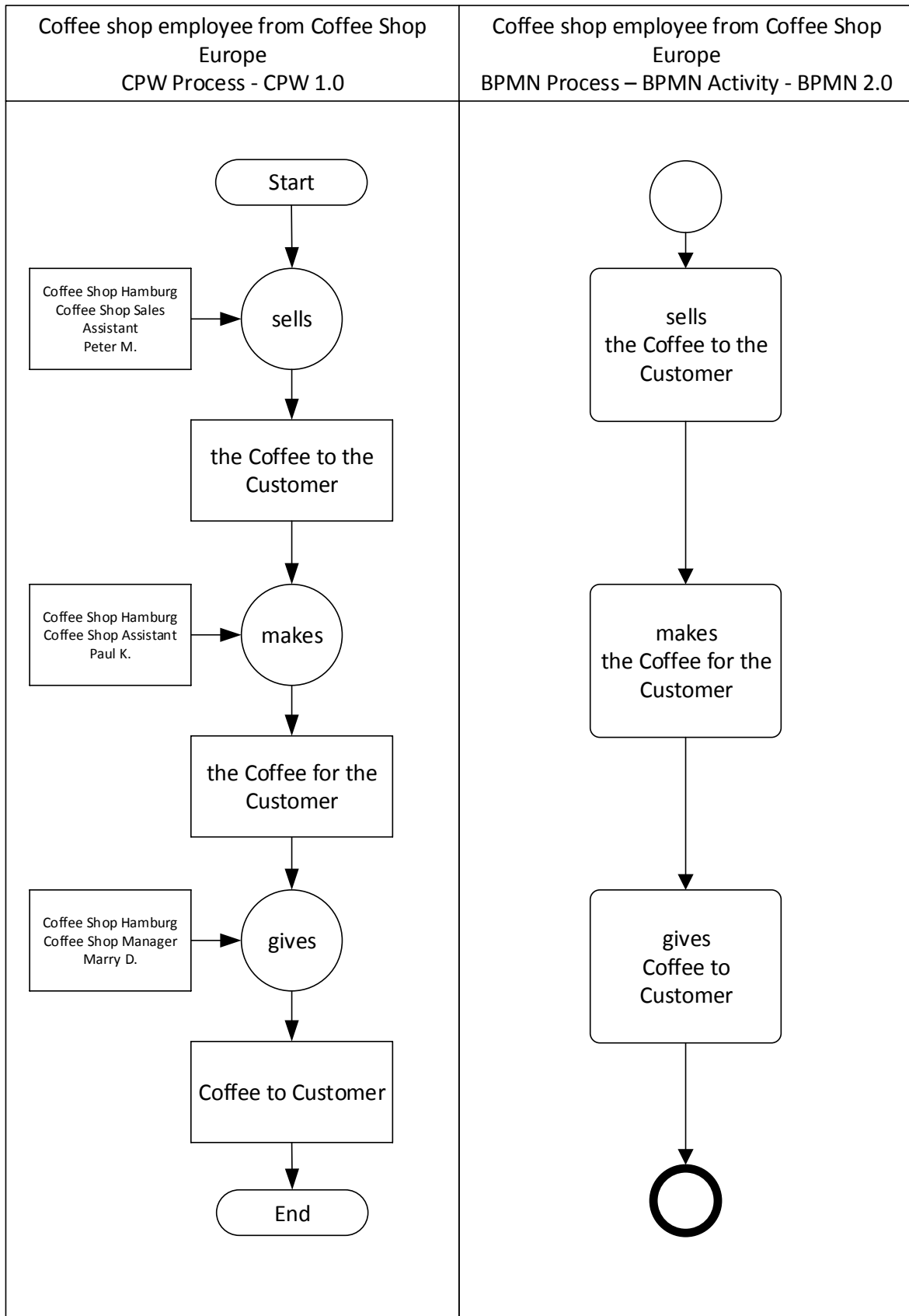


Fig. 2: Example coffee shop of the CPW Process to BPMN Process Transformation

References

CPW

- **CPW Method**
<http://www.cpw-method.com>

BPMN

- **Business Process Model and Notation (BPMN)**
- **BPMN Process**
- **BPMN Activity**
<http://www.bpmn.org>