

The CPW Process Method & AI

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The CPW Process Method & AI

The CPW Process Method will change the Process World and the Process Modeling World and the AI World. Because AI is not only an Algorithm, but AI is a Process or an End to End Process with Process Steps, which can apply Algorithms and Logical Operations in specific Process Steps.

With the CPW Process Method are opened new possibilities and perspectives, which are not exist with conventional Process Modeling Methods.

The CPW Process Method is an Independent Research Project from Bernd J. Schneider and there are behind several Patent Applications, which are published in English and in German.

And why is the CPW Process Method so special?

With the CPW Process Method the CPW Process is represented with every CPW Process Step as a simple sentence with a CPW Subject, a CPW Predicate, and a CPW Object.

But the CPW Process and the represented CPW Process Step as simple sentence with a CPW Subject, a CPW Predicate, and a CPW Object is first of all not only a Process Step in the classical sense, where is described a sequence of Process Steps, but also a Dialog.

With the consequence that the CPW Process Method can be also named as the CPW Dialog Method, and wherein a represented CPW Dialog Step as simple sentence with a CPW Subject, a CPW Predicate, and a CPW Object can be represented in Direct Speech.

This means that the Process is first of all only a Dialog in Direct Speech as the Dialog and Customer Process of the example, where a Customer comes into the Starbucks, order something, then pays, and then receives the product, and then leaves again the Starbucks with the received product.

Here is described the example of a Customer Process from Starbucks:

Mary comes into the Starbucks.

Mary says: "Hello!"

The Starbucks Assistant says: "Hello, What do you like to have?"

Mary says: "I would like to have a Filter Coffee with place for milk"

The Starbucks Assistant says: "You're welcome! The fresh Filter Coffee needs 1 or 2 minutes, but then the Filter Coffee should be ready"

Mary says: "Yes please, I have time"

The Starbucks Assistant says: "To-Go or for here?"

Mary says: " To-Go please"

The Starbucks Assistant says: "Which cup size do you like to have Short, Tall, Grande?"

Mary says: "Tall please"

The Starbucks Assistant says: "Well it costs 3.50 Euro"

The Starbucks Assistant says: "How would you like to pay?"

Mary says: "with card please"

Mary says: "Please make 4.00 Euro and 50 Cent are the Tip"

Mary swipes the card at the card reader.

The Starbucks Assistant says: "Thank you now you have only to wait until the Filter Coffee is ready for you"

The Starbucks Assistant says: "It should be cold or warm milk for the Filter Coffee, and how much milk it should be, and can I add the milk for you into the Filter Coffee?"

Mary says: "A little bit cold milk please. Thank you!"

The Starbucks Assistant says: "The Filter Coffee is now ready"

The Starbucks Assistant fills the Filter Coffee into the Tall Cup.

The Starbucks Assistant says to Maria: "Please say stop for the space of the cold milk"

Mary says: "Stop thank you"

The Starbucks Assistant fills the rest of the Tall Cup with cold milk.

Mary says: "Thank you, this is enough"

The Starbucks Assistant says: "Here is your Filter Coffee with cold milk and wish you a nice day!"

Mary says: "Thank you, I wish you also a nice day"

The Starbucks Assistant says: "Good bye"

Mary says: "Bye"

Mary leaves the Starbucks with the Filter Coffee with cold milk and is happy, that She will have a nice day.

We see a Dialog between Mary as a Customer from Starbucks and the Starbucks Assistant in Direct Speech of Mary as a Customer and the Starbucks Assistant and the Actions and the Activities, which are embedded in the Process Steps of the Starbucks Customer Process.

Now is following the representation with the CPW Process Method and with the CPW Dialog Method of the Starbucks Customer Process as followed:

Also here it is valid, that with the CPW Process and with the CPW Dialog every CPW Process Step and every CPW Dialog Step is represented as a simple sentence with a CPW Subject, a CPW Predicate, and a CPW Object.

The CPW Process and the CPW Dialog is represented in Direct Speech as far as Direct Speech exists in the Dialog. But in addition there will be also represented the actions or activities of the responsibilities of the Starbucks Customer Process.

The CPW Process and the CPW Dialog is represented in #Hashtag Notation as followed:

#CPW Process #STEP No #CPW Subject - PROCESS STEP RESPONSIBILITY

#CPW Subject - PROCESS STEP RESPONSIBILITY NAME #CPW Predicate #CPW Object

#STEP 001 #Starbucks Customer #Mary # comes #into the Starbucks.

#STEP 002 #Starbucks Customer #Mary #says # "Hello!"

#STEP 003 #Starbucks Assistant #says # "Hello, What do you like to have?"

#STEP 004 #Starbucks Customer #Mary #says # "I would like to have a Filter Coffee with place for milk"

#STEP 005 #Starbucks Assistant #says # "You're welcome! The fresh Filter Coffee needs 1 or 2 minutes, but then the Filter Coffee should be ready"

#STEP 006 #Starbucks Customer #Mary #says # "Yes please, I have time"

#STEP 007 #Starbucks Assistant #says # "To-Go or for here?"

#STEP 008 #Starbucks Customer #Mary #says # "To-Go please"

#STEP 009 #Starbucks Assistant #says # "Which cup size do you like to have Short, Tall, Grande?"

#STEP 010 #Starbucks Customer #Mary #says # "Tall please"

#STEP 011 #Starbucks Assistant #says # "Well it costs 3.50 Euro"

#STEP 012 #Starbucks Assistant #says # "How would you like to pay?"

#STEP 013 #Starbucks Customer #Mary #says # "with card please"

#STEP 014 #Starbucks Customer #Mary #says # "Please make 4.00 Euro and 50 Cent are the Tip"

#STEP 015 #Starbucks Customer #Mary #swipes # the card at the card reader.

#STEP 016 #Starbucks Assistant #says # "Thank you now you have only to wait until the Filter Coffee is ready for you"

#STEP 017 #Starbucks Assistant #says # "It should be cold or warm milk for the Filter Coffee, and how much milk it should be, and can I add the milk for you into the Filter Coffee?"

#STEP 018 #Starbucks Customer #Mary #says # "A little bit cold milk please. Thank you!"

#STEP 019 #Starbucks Assistant #says # "The Filter Coffee is now ready"

#STEP 020 #Starbucks Assistant #fills # the Filter Coffee into the Tall Cup.

#STEP 021 #Starbucks Assistant #says #to Maria: “Please say stop for the space of the cold milk”

#STEP 022 #Starbucks Customer #Mary #says #”Stop thank you”

#STEP 023 #Starbucks Assistant #fills #the rest of the Tall Cup with cold milk

#STEP 024 #Starbucks Customer #Mary #says #”Thank you, this is enough”

#STEP 025 #Starbucks Assistant #says #”Here is your Filter Coffee with cold milk and wish you a nice day!”

#STEP 026 #Starbucks Customer #Mary #says #”Thank you, I wish you also a nice day”

#STEP 027 #Starbucks Assistant #says #”Good bye”

#STEP 028 #Starbucks Customer #Mary #says #”Bye”

#STEP 029 #Starbucks Customer #Mary #leaves #the Starbucks with the Filter Coffee with cold milk and is happy, that She will have a nice day.

In the following Figure is represented the Starbucks Customer Process as a CPW Process and a CPW Dialog with #Hashtag Notation as followed:

#CPW Process #STEP No #CPW Subject - PROCESS STEP RESPONSIBILITY

#CPW Subject - PROCESS STEP RESPONSIBILITY NAME #CPW Predicate #CPW Object

#STEP No	SWIMLANE FUNCTION/ RESPONSIBILITY	#CPW Subject Level I PROCESS STEP RESPONSIBILITY	#CPW Subject Level I PROCESS STEP RESPONSIBILITY NAME	#CPW Predicate Level I PREDICATE OR RELATIONSHIP	#CPW Object Level I PROCESS RESULT
#STEP 001	#Starbucks Customer	#Starbucks Customer	#Mary	#comes	# comes #into the Starbucks.
#STEP 002	#Starbucks Customer	#Starbucks Customer	#Mary	#says	# „Hello!”
#STEP 003	#Starbucks Assistant	#Starbucks Assistant		#says	# „Hello, What do you like to have?”
#STEP 004	#Starbucks Customer	#Starbucks Customer	#Mary	#says	# „I would like to have a Filter Coffee with place for milk”
#STEP 005	#Starbucks Assistant	#Starbucks Assistant		#says	# „You’re welcome! The fresh Filter Coffee needs 1 or 2 minutes, but then the Filter Coffee should be ready”
#STEP 006	#Starbucks Customer	#Starbucks Customer	#Mary	#says	#says # „Yes please, I have time”
#STEP 007	#Starbucks Assistant	#Starbucks Assistant		#says	#says # „To-Go or for here?”
#STEP 008	#Starbucks Customer	#Starbucks Customer	#Mary	#says	# „To-Go please”
#STEP 009	#Starbucks Assistant	#Starbucks Assistant		#says	# „Which cup size do you like to have Short, Tall, Grande?”
#STEP 010	#Starbucks Customer	#Starbucks Customer	#Mary	#says	# „Tall please”
#STEP 011	#Starbucks Assistant	#Starbucks Assistant		#says	# „Well it costs 3.50 Euro”
#STEP 012	#Starbucks Assistant	#Starbucks Assistant		#says	# „How would you like to pay?”
#STEP 013	#Starbucks Customer	#Starbucks Customer	#Mary	#says	# „with card please”
#STEP 014	#Starbucks Customer	#Starbucks Customer	#Mary	#says	# „Please make 4.00 Euro and 50 Cent are the Tip”
#STEP 015	#Starbucks Customer	#Starbucks Customer	#Mary	#swipes	# the card at the card reader.
#STEP 016	#Starbucks Assistant	#Starbucks Assistant		#says	# „Thank you now you have only to wait until the Filter Coffee is ready for you”
#STEP 017	#Starbucks Assistant	#Starbucks Assistant		#says	# „It should be cold or warm milk for the Filter Coffee, and how much milk it should be, and can I add the milk for you into the Filter Coffee?”
#STEP 018	#Starbucks Customer	#Starbucks Customer	#Mary	#says	# „A little bit cold milk please. Thank you!”
#STEP 019	#Starbucks Assistant	#Starbucks Assistant		#says	#says # „The Filter Coffee is now ready”
#STEP 020	#Starbucks Assistant	#Starbucks Assistant		#fills	#fills # the Filter Coffee into the Tall Cup.
#STEP 021	#Starbucks Assistant	#Starbucks Assistant		#says	#to Maria: „Please say stop for the space of the cold milk”
#STEP 022	#Starbucks Customer	#Starbucks Customer	#Mary	#says	# „Stop thank you”
#STEP 023	#Starbucks Assistant	#Starbucks Assistant		#fills	#the rest of the Tall Cup with cold milk
#STEP 024	#Starbucks Customer	#Starbucks Customer	#Mary	#says	#says # „Thank you, this is enough”
#STEP 025	#Starbucks Assistant	#Starbucks Assistant		#says	# „Here is your Filter Coffee with cold milk and wish you a nice day!”
#STEP 026	#Starbucks Customer	#Starbucks Customer	#Mary	#says	# „Thank you, I wish you also a nice day”
#STEP 027	#Starbucks Assistant	#Starbucks Assistant		#says	# „Good bye”
#STEP 028	#Starbucks Customer	#Starbucks Customer	#Mary	#says	# „Bye”
#STEP 029	#Starbucks Customer	#Starbucks Customer	#Mary	#leaves	#leaves #the Starbucks with the Filter Coffee with cold milk and is happy, that She will have a nice day.

What can we learn from this example?

Mary comes into the Starbucks and orders for herself a Filter Coffee with Milk ToGo in a Tall cup and then she goes again and she is happy, that she will have a nice day.

In the next step is answered the question Who says Whom What? at the CPW Process and at the CPW Dialog of the Starbucks Customer Process, which is represented with #Hashtag Notation.

So that according to the represented CPW Process und CPW Dialog of the Starbucks Customer Process, which is represented with #Hashtag Notation, is adapted with the respective CPW Predicates and with the counterparts, which are added to the CPW Objects, to answer the Question: Who says Whom What?

The name of Mary as a Starbucks Customer of the #CPW Subject of the CPW Process and of the CPW Dialog is not mentioned anymore and is the #Starbucks Customer.

Furthermore there are also the CPW Process Steps, which are describing the Actions and the Activities of the Starbucks Customer Process.

The text, which is described in the CPW Process and the CPW Dialog of the Starbucks Customer Process is still the same, so that there is no content Text Loss of the Dialog and the Activities.

The CPW Process and the CPW Dialog is represented in #Hashtag Notation as follows:

#CPW Process #STEP No #CPW Subject - PROCESS STEP RESPONSIBILITY

#CPW Subject - PROCESS STEP RESPONSIBILITY NAME #CPW Predicate #CPW Object

#STEP 001 #Starbucks Customer #comes #into the Starbucks.

#STEP 002 #Starbucks Customer #welcomes #the Starbucks Assistant with: "Hello!"

#STEP 003 #Starbucks Assistant #asks #the Starbucks Customer: "Hello, What do you like to have?"

#STEP 004 #Starbucks Customer #answers #the Starbucks Assistant: "I would like to have a Filter Coffee with place for milk"

#STEP 005 #Starbucks Assistant #answers #the Starbucks Customer: "You're welcome! The fresh Filter Coffee needs 1 or 2 minutes, but then the Filter Coffee should be ready"

#STEP 006 #Starbucks Customer #answers #the Starbucks Assistant: "Yes please, I have time"

#STEP 007 #Starbucks Assistant #asks #the Starbucks Customer: "To-Go or for here?"

#STEP 008 #Starbucks Customer #answers #the Starbucks Assistant: #"To-Go please"

#STEP 009 #Starbucks Assistant #asks #the Starbucks Customer: “Which cup size do you like to have Short, Tall, Grande?”

#STEP 010 #Starbucks Customer #answers #the Starbucks Assistant: “Tall please”

#STEP 011 #Starbucks Assistant #says #the Starbucks Customer: “Well it costs 3.50 Euro”

#STEP 012 #Starbucks Assistant #asks #the Starbucks Customer: “How would you like to pay?”

#STEP 013 #Starbucks Customer #answers #the Starbucks Assistant: #”with card please”

#STEP 014 #Starbucks Customer #says #the Starbucks Assistant: “Please make 4.00 Euro and 50 Cent are the Tip”

#STEP 015 #Starbucks Customer #swipes #the card at the card reader.

#STEP 016 #Starbucks Assistant #says #the Starbucks Customer: “Thank you now you have only to wait until the Filter Coffee is ready for you”

#STEP 017 #Starbucks Assistant #asks #the Starbucks Customer: “It should be cold or warm milk for the Filter Coffee, and how much milk it should be, and can I add the milk for you into the Filter Coffee?”

#STEP 018 #Starbucks Customer #answers #the Starbucks Assistant: “A little bit cold milk please. Thank you!”

#STEP 019 #Starbucks Assistant #says #the Starbucks Customer: “The Filter Coffee is now ready”

#STEP 020 #Starbucks Assistant #fills #the Filter Coffee into the Tall Cup.

#STEP 021 #Starbucks Assistant #says #to Starbucks Customer: “Please say stop for the space of the cold milk”

#STEP 022 #Starbucks Customer #says #the Starbucks Assistant: #”Stop thank you”

#STEP 023 #Starbucks Assistant #fills #the rest of the Tall Cup with cold milk

#STEP 024 #Starbucks Customer #says #the Starbucks Assistant: “Thank you, this is enough”

#STEP 025 #Starbucks Assistant #says #the Starbucks Customer: “Here is your Filter Coffee with cold milk and wish you a nice day!”

#STEP 026 #Starbucks Customer #answers #the Starbucks Assistant: “Thank you, I wish you also a nice day”

#STEP 027 #Starbucks Assistant #says #the Starbucks Customer: “Good bye”

#STEP 028 #Starbucks Customer #says #the Starbucks Assistant: “Bye”

#STEP 029 #Starbucks Customer #leaves #the Starbucks with the Filter Coffee with cold milk and is happy, that She will have a nice day.

In the following Figure is represented the Starbucks Customer Process as a CPW Process and a CPW Dialog with #Hashtag Notation, and where the question is answered Who says Whom What? as follows:

#CPW Process #STEP No #CPW Subject - PROCESS STEP RESPONSIBILITY

#CPW Subject - PROCESS STEP RESPONSIBILITY NAME #CPW Predicate #CPW Object

#STEP No	#CPW Subject Level II PROCESS STEP RESPONSIBILITY	#CPW Predicate Level II PREDICATE OR RELATIONSHIP	#CPW Object Level II PROCESS RESULT
#STEP 001	#Starbucks Customer	#comes	#into the Starbucks.
#STEP 002	#Starbucks Customer	#welcomes	#the Starbucks Assistant with: „Hello!“
#STEP 003	#Starbucks Assistant	#asks	#the Starbucks Customer: „Hello, What do you like to have?“
#STEP 004	#Starbucks Customer	#answers	#the Starbucks Assistant: „I would like to have a Filter Coffee with place for milk“
#STEP 005	#Starbucks Assistant	#answers	#the Starbucks Customer: „You’re welcome! The fresh Filter Coffee needs 1 or 2 minutes, but then the Filter Coffee should be ready“
#STEP 006	#Starbucks Customer	#answers	#the Starbucks Assistant: „Yes please, I have time“
#STEP 007	#Starbucks Assistant	#asks	#the Starbucks Customer: „To-Go or for here?“
#STEP 008	#Starbucks Customer	#answers	#the Starbucks Assistant: #„To-Go please“
#STEP 009	#Starbucks Assistant	#asks	#the Starbucks Customer: „Which cup size do you like to have Short, Tall, Grande?“
#STEP 010	#Starbucks Customer	#answers	#the Starbucks Assistant: „Tall please“
#STEP 011	#Starbucks Assistant	#says	#the Starbucks Customer: „Well it costs 3.50 Euro“
#STEP 012	#Starbucks Assistant	#asks	#the Starbucks Customer: „How would you like to pay?“
#STEP 013	#Starbucks Customer	#answers	#the Starbucks Assistant: #„with card please“
#STEP 014	#Starbucks Customer	#says	#the Starbucks Assistant: „Please make 4.00 Euro and 50 Cent are the Tip“
#STEP 015	#Starbucks Customer	#swipes	#the card at the card reader.
#STEP 016	#Starbucks Assistant	#says	#the Starbucks Customer: „Thank you now you have only to wait until the Filter Coffee is ready for you“
#STEP 017	#Starbucks Assistant	#asks	#the Starbucks Customer: „It should be cold or warm milk for the Filter Coffee, and how much milk it should be, and can I add the milk for you into the Filter Coffee?“
#STEP 018	#Starbucks Customer	#answers	#the Starbucks Assistant: „A little bit cold milk please. Thank you!“
#STEP 019	#Starbucks Assistant	#says	#the Starbucks Customer: „The Filter Coffee is now ready“
#STEP 020	#Starbucks Assistant	#fills	#the Filter Coffee into the Tall Cup.
#STEP 021	#Starbucks Assistant	#says	#to Starbucks Customer: „Please say stop for the space of the cold milk“
#STEP 022	#Starbucks Customer	#says	#the Starbucks Assistant: #„Stop thank you“
#STEP 023	#Starbucks Assistant	#fills	#the rest of the Tall Cup with cold milk
#STEP 024	#Starbucks Customer	#says	#the Starbucks Assistant: „Thank you, this is enough“
#STEP 025	#Starbucks Assistant	#says	##the Starbucks Customer: „Here is your Filter Coffee with cold milk and wish you a nice day!“
#STEP 026	#Starbucks Customer	#answers	#the Starbucks Assistant: „Thank you, I wish you also a nice day“
#STEP 027	#Starbucks Assistant	#says	#the Starbucks Customer: „Good bye“
#STEP 028	#Starbucks Customer	#says	#the Starbucks Assistant: „Bye“
#STEP 029	#Starbucks Customer	#leaves	#the Starbucks with the Filter Coffee with cold milk and is happy, that She will have a nice day.

At this step to the represented CPW Process and the CPW Dialog of the Starbucks Customer Process, which is represented in #Hashtag Notation, are added Key Terms and Expressions and abstract Key Terms and abstract Expressions into the CPW Object of the respective CPW Process Step or of the CPW Dialog Step, to make the CPW Process Step and the CPW Dialog Step much more understandable and clearer.

Furthermore there are also the CPW Process Steps, which are describing the Actions and the Activities of the Responsibilities of the Starbucks Customer Process.

The text, which is described in the CPW Process and the CPW Dialog of the Starbucks Customer Process is still the same, so that there is no content Text Loss of the Dialog and the Activities.

The CPW Process and the CPW Dialog is represented in #Hashtag Notation as follows:

#CPW Process #STEP No #CPW Subject - PROCESS STEP RESPONSIBILITY

#CPW Subject - PROCESS STEP RESPONSIBILITY NAME #CPW Predicate #CPW Object

#STEP 001 #Starbucks Customer #comes #into the Starbucks.

#STEP 002 #Starbucks Customer #welcomes #the Starbucks Assistant **with the welcoming** :
“Hello!”

#STEP 003 #Starbucks Assistant #asks #the Starbucks Customer **by the wish**: “Hello, What do you like to have?”

#STEP 004 #Starbucks Customer #answers #the Starbucks Assistant **with the order**: “I would like to have a Filter Coffee with place for milk”

#STEP 005 #Starbucks Assistant #answers #the Starbucks Customer: “You're welcome! The fresh Filter Coffee needs 1 or 2 minutes, but then the Filter Coffee should be ready”

#STEP 006 #Starbucks Customer #answers #the Starbucks Assistant: “Yes please, I have time”

#STEP 007 #Starbucks Assistant #asks #the Starbucks Customer: “To-Go or for here?”

#STEP 008 #Starbucks Customer #answers #the Starbucks Assistant: #”To-Go please”

#STEP 009 #Starbucks Assistant #asks #the Starbucks Customer **to the cup size**: “Which cup size do you like to have Short, Tall, Grande?”

#STEP 010 #Starbucks Customer #answers #the Starbucks Assistant: “Tall please”

#STEP 011 #Starbucks Assistant #says #the Starbucks Customer: “Well it costs 3.50 Euro”

#STEP 012 #Starbucks Assistant #asks #the Starbucks Customer to the payment method: "How would you like to pay?"

#STEP 013 #Starbucks Customer #answers #the Starbucks Assistant with payment method card: #"with card please"

#STEP 014 #Starbucks Customer #says #the Starbucks Assistant the amount with tip: "Please make 4.00 Euro and 50 Cent are the Tip"

#STEP 015 #Starbucks Customer #swipes #the card at the card reader.

#STEP 016 #Starbucks Assistant #says #the Starbucks Customer: "Thank you now you have only to wait until the Filter Coffee is ready for you"

#STEP 017 #Starbucks Assistant #asks #the Starbucks Customer: "It should be cold or warm milk for the Filter Coffee, and how much milk it should be, and can I add the milk for you into the Filter Coffee?"

#STEP 018 #Starbucks Customer #answers #the Starbucks Assistant: "A little bit cold milk please. Thank you!"

#STEP 019 #Starbucks Assistant #says #the Starbucks Customer: "The Filter Coffee is now ready"

#STEP 020 #Starbucks Assistant #fills #the Filter Coffee into the Tall Cup.

#STEP 021 #Starbucks Assistant #says #to Starbucks Customer: "Please say stop for the space of the cold milk"

#STEP 022 #Starbucks Customer #says #the Starbucks Assistant: #"Stop thank you"

#STEP 023 #Starbucks Assistant #fills #the rest of the Tall Cup with cold milk

#STEP 024 #Starbucks Customer #says #the Starbucks Assistant: "Thank you, this is enough"

#STEP 025 #Starbucks Assistant #says #the Starbucks Customer: "Here is your Filter Coffee with cold milk and wish you a nice day!"

#STEP 026 #Starbucks Customer #answers #the Starbucks Assistant: "Thank you, I wish you also a nice day"

#STEP 027 #Starbucks Assistant #says #the Starbucks Customer: "Good bye"

#STEP 028 #Starbucks Customer #says #the Starbucks Assistant: "Bye"

#STEP 029 #Starbucks Customer #leaves #the Starbucks with the Filter Coffee with cold milk and is happy, that She will have a nice day.

In the following Figure is represented the Starbucks Customer Process as a CPW Process and a CPW Dialog with #Hashtag Notation, and wherein Key Terms and Expressions and abstract Key Terms and abstract Expressions are added into the CPW Object of the respective CPW Process Step or of the CPW Dialog Step:

#CPW Process #STEP No #CPW Subject - PROCESS STEP RESPONSIBILITY

#CPW Subject - PROCESS STEP RESPONSIBILITY NAME #CPW Predicate #CPW Object

#STEP No	#CPW Subject Level III PROCESS STEP RESPONSIBILITY	#CPW Predicate Level III PREDICATE OR RELATIONSHIP	#CPW Object Level III PROCESS RESULT
#STEP 001	#Starbucks Customer	#comes	#into the Starbucks.
#STEP 002	#Starbucks Customer	#welcomes	#the Starbucks Assistant with the welcoming : „Hello!“
#STEP 003	#Starbucks Assistant	#asks	#the Starbucks Customer by the wish: „Hello, What do you like to have?“
#STEP 004	#Starbucks Customer	#answers	#the Starbucks Assistant with the order: „I would like to have a Filter Coffee with place for milk“
#STEP 005	#Starbucks Assistant	#answers	#the Starbucks Customer: „You're welcome! The fresh Filter Coffee needs 1 or 2 minutes, but then the Filter Coffee should be ready“
#STEP 006	#Starbucks Customer	#answers	#the Starbucks Assistant: „Yes please, I have time“
#STEP 007	#Starbucks Assistant	#asks	#the Starbucks Customer: „To-Go or for here?“
#STEP 008	#Starbucks Customer	#answers	#the Starbucks Assistant: #„To-Go please“
#STEP 009	#Starbucks Assistant	#asks	#the Starbucks Customer to the cup size: „Which cup size do you like to have Short, Tall, Grande?“
#STEP 010	#Starbucks Customer	#answers	#the Starbucks Assistant: „Tall please“
#STEP 011	#Starbucks Assistant	#says	#the Starbucks Customer: „Well It costs 3.50 Euro“
#STEP 012	#Starbucks Assistant	#asks	#the Starbucks Customer to the payment method: „How would you like to pay?“
#STEP 013	#Starbucks Customer	#answers	#the Starbucks Assistant with payment method card: #„with card please“
#STEP 014	#Starbucks Customer	#says	#the Starbucks Assistan the amount with tip: „Please make 4.00 Euro and 50 Cent are the Tip“
#STEP 015	#Starbucks Customer	#swipes	#the card at the card reader.
#STEP 016	#Starbucks Assistant	#says	#the Starbucks Customer: „Thank you now you have only to wait until the Filter Coffee is ready for you“
#STEP 017	#Starbucks Assistant	#asks	#the Starbucks Customer: „It should be cold or warm milk for the Filter Coffee, and how much milk it should be, and can I add the milk for you into the Filter Coffee?“
#STEP 018	#Starbucks Customer	#answers	#the Starbucks Assistant: „A little bit cold milk please. Thank you!“
#STEP 019	#Starbucks Assistant	#says	#the Starbucks Customer: „The Filter Coffee is now ready“
#STEP 020	#Starbucks Assistant	#fills	#the Filter Coffee into the Tall Cup.
#STEP 021	#Starbucks Assistant	#says	#to Starbucks Customer: „Please say stop for the space of the cold milk“
#STEP 022	#Starbucks Customer	#says	#the Starbucks Assistant: #„Stop thank you“
#STEP 023	#Starbucks Assistant	#fills	#the rest of the Tall Cup with cold milk
#STEP 024	#Starbucks Customer	#says	#the Starbucks Assistant: „Thank you, this is enough“
#STEP 025	#Starbucks Assistant	#says	##the Starbucks Customer: „Here is your Filter Coffee with cold milk and wish you a nice day!“
#STEP 026	#Starbucks Customer	#answers	#the Starbucks Assistant: „Thank you, I wish you also a nice day“
#STEP 027	#Starbucks Assistant	#says	#the Starbucks Customer: „Good bye“
#STEP 028	#Starbucks Customer	#says	#the Starbucks Assistant: „Bye“
#STEP 029	#Starbucks Customer	#leaves	#the Starbucks with the Filter Coffee with cold milk and is happy, that She will have a nice day.

At this step to the represented CPW Process and the CPW Dialog of the Starbucks Customer Process, which is represented in #Hashtag Notation, are assigned to the respective CPW Process Steps and the respective CPW Dialog Steps abstract functions with #Hashtag Notation, which are added and attached at the end of the respective CPW Process Step and the respective CPW Dialog Step.

In this way can be described the respective CPW Process Steps and the respective CPW Dialog Steps of the CPW Process and of the CPW Dialog of the Starbucks Customer Process with abstract functions with #Hashtag Notation.

The text, which is described in the CPW Process and the CPW Dialog of the Starbucks Customer Process is still the same, so that there is no content Text Loss of the Dialog and the Activities.

The CPW Process and the CPW Dialog is represented in #Hashtag Notation as follows:

#CPW Process #STEP No #CPW Subject - PROCESS STEP RESPONSIBILITY

#CPW Subject - PROCESS STEP RESPONSIBILITY NAME #CPW Predicate #CPW Object

#STEP 001 #Starbucks Customer #comes #into the Starbucks. #Function #Welcoming Customer

#STEP 002 #Starbucks Customer #welcomes #the Starbucks Assistant with the welcoming: "Hello!" #Function #Welcoming Customer

#STEP 003 #Starbucks Assistant #asks #the Starbucks Customer by the wish: "Hello, What do you like to have?" #Function #to take the order

#STEP 004 #Starbucks Customer #answers #the Starbucks Assistant with the order: "I would like to have a Filter Coffee with place for milk" #Function #to take the order

#STEP 005 #Starbucks Assistant #answers #the Starbucks Customer: "You're welcome! The fresh Filter Coffee needs 1 or 2 minutes, but then the Filter Coffee should be ready" #Function #to take the order

#STEP 006 #Starbucks Customer #answers #the Starbucks Assistant: "Yes please, I have time" #Function #to take the order

#STEP 007 #Starbucks Assistant #asks #the Starbucks Customer: "To-Go or for here?" #Function #to take the order

#STEP 008 #Starbucks Customer #answers #the Starbucks Assistant: #"To-Go please" #Function #to take the order

#STEP 009 #Starbucks Assistant #asks #the Starbucks Customer to the cup size: “Which cup size do you like to have Short, Tall, Grande?” #Function #to take the order

#STEP 010 #Starbucks Customer #answers #the Starbucks Assistant: “Tall please” #Function #to take the order

#STEP 011 #Starbucks Assistant #says #the Starbucks Customer: “Well it costs 3.50 Euro” #Function #to pay the product

#STEP 012 #Starbucks Assistant #asks #the Starbucks Customer to the payment method: “How would you like to pay?” #Function #to pay the product

#STEP 013 #Starbucks Customer #answers #the Starbucks Assistant with payment method card: #”with card please” #Function #to pay the product

#STEP 014 #Starbucks Customer #says #the Starbucks Assistant the amount with tip: “Please make 4.00 Euro and 50 Cent are the Tip” #Function #to pay the product

#STEP 015 #Starbucks Customer #swipes #the card at the card reader. #Function #to pay the product

#STEP 016 #Starbucks Assistant #says #the Starbucks Customer: “Thank you now you have only to wait until the Filter Coffee is ready for you” #Function #to complete the product

#STEP 017 #Starbucks Assistant #asks #the Starbucks Customer: “It should be cold or warm milk for the Filter Coffee, and how much milk it should be, and can I add the milk for you into the Filter Coffee?” #Function #to complete the product

#STEP 018 #Starbucks Customer #answers #the Starbucks Assistant: “A little bit cold milk please. Thank you!” #Function #to complete the product

#STEP 019 #Starbucks Assistant #says #the Starbucks Customer: “The Filter Coffee is now ready” #Function #to complete the product

#STEP 020 #Starbucks Assistant #fills #the Filter Coffee into the Tall Cup. #Function #to complete the product

#STEP 021 #Starbucks Assistant #says #to Starbucks Customer: “Please say stop for the space of the cold milk” #Function #to complete the product

#STEP 022 #Starbucks Customer #says #the Starbucks Assistant: #”Stop thank you” #Function #to complete the product

#STEP 023 #Starbucks Assistant #fills #the rest of the Tall Cup with cold milk #Function
#to complete the product

#STEP 024 #Starbucks Customer #says #the Starbucks Assistant: "Thank you, this is enough"
#Function #to complete the product

#STEP 025 #Starbucks Assistant #says #the Starbucks Customer: "Here is your Filter Coffee with
cold milk and wish you a nice day!" #Function #to receive the product

#STEP 026 #Starbucks Customer #answers #the Starbucks Assistant: "Thank you, I wish you
also a nice day" #Function #to farewell the customer

#STEP 027 #Starbucks Assistant #says #the Starbucks Customer: "Good bye" #Function
#to farewell the customer

#STEP 028 #Starbucks Customer #says #the Starbucks Assistant: "Bye" #Function #to farewell
the customer

#STEP 029 #Starbucks Customer #leaves #the Starbucks with the Filter Coffee with cold milk
and is happy, that She will have a nice day. #Function #to farewell the customer

In the following Figure is represented the Starbucks Customer Process as a CPW Process and a CPW Dialog with #Hashtag Notation, and to the respective CPW Process Steps and the respective CPW Dialog Steps are assigned abstract functions with #Hashtag Notation, which are added and attached at the end of the respective CPW Process Step and the respective CPW Dialog Step, and in the right column prior to the last are assigned the respective CPW Process Step and the respective CPW Dialog Step to the CPW Logical Layer BPMN 2.0.

#CPW Process #STEP No #CPW Subject - PROCESS STEP RESPONSIBILITY

#CPW Subject - PROCESS STEP RESPONSIBILITY NAME #CPW Predicate #CPW Object

#STEP No	#CPW Subject Level III PROCESS STEP RESPONSIBILITY	#CPW Predicate Level III PREDICATE OR RELATIONSHIP	#CPW Object Level III PROCESS RESULT	CPW Logical Layer BPMN 2.0	CPW Function
				BPMN 2.0.2 - Chapter 7.3.2 Extended BPMN Modeling Elements [2] BPMN 2.0.2 - Table 7.2 BPMN Extended Modeling Elements	FUNCTION
#STEP 001	#Starbucks Customer	#comes	#into the Starbucks.	#Activity #Task	#Function #Welcoming Customer
#STEP 002	#Starbucks Customer	#welcomes	#the Starbucks Assistant with the welcoming : „Hello“	#Activity #Task	#Function #Welcoming Customer
#STEP 003	#Starbucks Assistant	#asks	#the Starbucks Customer by the wish: „Hello, What do you like to have?“	#Activity #Task	#Function #to take the order
#STEP 004	#Starbucks Customer	#answers	#the Starbucks Assistant with the order: „I would like to have a Filter Coffee with place for milk“	#Activity #Task	#Function #to take the order
#STEP 005	#Starbucks Assistant	#answers	#the Starbucks Customer: „You're welcome! The fresh Filter Coffee needs 1 or 2 minutes, but then the Filter Coffee should be ready“	#Activity #Task	#Function #to take the order
#STEP 006	#Starbucks Customer	#answers	#the Starbucks Assistant: „Yes please, I have time“	#Activity #Task	#Function #to take the order
#STEP 007	#Starbucks Assistant	#asks	#the Starbucks Customer: „To-Go or for here?“	#Activity #Task	#Function #to take the order
#STEP 008	#Starbucks Customer	#answers	#the Starbucks Assistant: „To-Go please“	#Activity #Task	#Function #to take the order
#STEP 009	#Starbucks Assistant	#asks	#the Starbucks Customer to the cup size: „Which cup size do you like to have Short, Tall, Grande?“	#Activity #Task	#Function #to take the order
#STEP 010	#Starbucks Customer	#answers	#the Starbucks Assistant: „Tall please“	#Activity #Task	#Function #to take the order
#STEP 011	#Starbucks Assistant	#says	#the Starbucks Customer: „Well it costs 3.50 Euro“	#Activity #Task	#Function #to pay the product
#STEP 012	#Starbucks Assistant	#asks	#the Starbucks Customer to the payment method: „How would you like to pay?“	#Activity #Task	#Function #to pay the product
#STEP 013	#Starbucks Customer	#answers	#the Starbucks Assistant with payment method card: „With card please“	#Activity #Task	#Function #to pay the product
#STEP 014	#Starbucks Assistant	#says	#the Starbucks Assistant the amount with tip: „Please make 4.00 Euro and 50 Cent are the Tip“	#Activity #Task	#Function #to pay the product
#STEP 015	#Starbucks Customer	#swipes	#the card at the card reader.	#Activity #Task	#Function #to pay the product
#STEP 016	#Starbucks Assistant	#says	#the Starbucks Customer: „Thank you now you have only to wait until the Filter Coffee is ready for you“	#Activity #Task	#Function #to complete the product
#STEP 017	#Starbucks Assistant	#asks	#the Starbucks Customer: „It should be cold or warm milk for the Filter Coffee, and how much milk it should be, and can I add the milk for you into the Filter“	#Activity #Task	#Function #to complete the product
#STEP 018	#Starbucks Customer	#answers	#the Starbucks Assistant: „A little bit cold milk please. Thank you!“	#Activity #Task	#Function #to complete the product
#STEP 019	#Starbucks Assistant	#says	#the Starbucks Customer: „The Filter Coffee is now ready“	#Activity #Task	#Function #to complete the product
#STEP 020	#Starbucks Assistant	#fills	#the Filter Coffee into the Tall Cup.	#Activity #Task	#Function #to complete the product
#STEP 021	#Starbucks Assistant	#says	#to Starbucks Customer: „Please say stop for the space of the cold milk“	#Activity #Task	#Function #to complete the product
#STEP 022	#Starbucks Customer	#says	#the Starbucks Assistant: „Stop thank you“	#Activity #Task	#Function #to complete the product
#STEP 023	#Starbucks Assistant	#fills	#the rest of the Tall Cup with cold milk	#Activity #Task	#Function #to complete the product
#STEP 024	#Starbucks Customer	#says	#the Starbucks Assistant: „Thank you, this is enough“	#Activity #Task	#Function #to complete the product
#STEP 025	#Starbucks Assistant	#says	##the Starbucks Customer: „Here is your Filter Coffee with cold milk and wish you a nice day!“	#Activity #Task	#Function #to receive the product
#STEP 026	#Starbucks Customer	#answers	#the Starbucks Assistant: „Thank you, I wish you also a nice day“	#Activity #Task	#Function #to farewell the customer
#STEP 027	#Starbucks Assistant	#says	#the Starbucks Customer: „Good bye“	#Activity #Task	#Function #to farewell the customer
#STEP 028	#Starbucks Customer	#says	#the Starbucks Assistant: „Bye“	#Activity #Task	#Function #to farewell the customer
#STEP 029	#Starbucks Customer	#leaves	#the Starbucks with the Filter Coffee with cold milk and is happy, that She will have a nice day.	#Activity #Task	#Function #to farewell the customer

Now is of course the question, what you are doing with the current modelled and realized CPW Process and the CPW Dialog of the Starbucks Customer Process, and what kind of objective and goal you are following with the modelled Starbucks Customer Processes?

Because the described CPW Process and the CPW Dialog of the Starbucks Customer Process has no content Text Loss of the Dialog and the Activities, the described CPW Process and the CPW Dialog of the Starbucks Customer Process is available completely to the Starbucks Business Process Quality Manager with the objective and goal to measure, to improve and to optimize the Quality of the Starbucks Customer Process.

How can be improved the described CPW Process and the CPW Dialog of the Starbucks Customer Process?

How can be improved the Customer Experience, the Customer Journey, the Customer Service and the Customer Adventure with the Services and Products of the Starbucks Customer Process with the following #Functions:

#Welcoming Customer

#to take the order

#to pay the product

#to complete the product

#to receive the product

#to farewell the customer

What kind of products and services can be offered to the customers in addition within the Starbucks Customer Process?

How can be improved and optimized the Starbucks Customer Process, so that the customer will feel much better and comfortable, if the customer enter the Starbucks, is welcomed, selects the product, pays the product, and then the product will be completed, and then the customer stays here or the customer goes with the ToGo Product as a satisfied Starbucks Customer, and the Customer leaves again the Starbucks.

Then there is a specific Question to the Starbucks Customer Process?

How can be improved and accelerated the Product Completion in the Starbucks Customer Process?

How it is possible to complete faster the Filter Coffee for example?

Where are possibilities within the Starbucks Customer Process of Digitization, Digitalization and Digital Transformation, but also the possibilities of Automation?

With the CPW Process Method and with the CPW Dialog Method, and because the CPW Process and the CPW Dialog is represented with every CPW Process Step and every CPW Dialog Step as a simple sentence with a CPW Subject, a CPW Predicate and a CPW Object, Business Process Reengineering can be realized in an excellent and optimal way.

And there are many further advantages of the CPW Process Method and the CPW Dialog Method, which are not described in this article, but you can learn more about the CPW Process Method and the CPW Method on the official Webpage of the CPW Method with www.cpw-method.com, and if you have any questions of the CPW Process Method and of the CPW Dialog Method, you can contact directly Bernd J. Schneider under the following email with Bernd.Schneider@ICInfomaticaConsulting.com, and I wish you lots of FUN and JOY and SUCCESS with the CPW Process Method and the CPW Dialog Method, which brings the Process Modeling to a new Level, where Business Process Reengineering can be made possible with the CPW Process Method and the CPW Dialog Method.