

Use a Sript Task

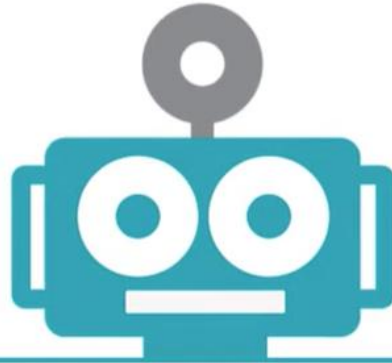


# **How TO**

## **Use a script task**



Model the evaluation of a script



Scenario: offer a discount of a certain amount that is received in input from the process.



## Use a script task



### It all starts with a process application

Start by creating a process application now and deploy entire bundles with just one click.

[Create process application](#)[Browse blueprints](#)[Create new ▾](#)[Learn more about process applications](#)

Blank resources



Process application



BPMN diagram



DMN diagram



Form



Connector template



Folder



Upload files





## Use a script task



### It all starts with a process application

Start by creating a process application now and deploy entire bundles with just one click.

[Create process application](#)[Browse blueprints](#)[Create new ▾](#)[Learn more about process applications](#)

Blank resources



Process application



BPMN diagram



DMN diagram



Form



Connector template



Folder

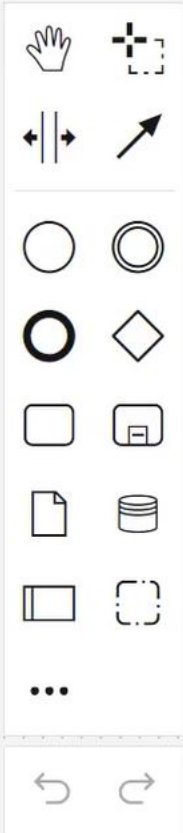


Upload files




Design **Implement** Play

 **Deploy**  **Run**  



**Properties** Comments

 **PROCESS**  
New BPMN Diagram

**General**

Name

New BPMN Diagram

ID

Process\_0alya0y

Version tag

☒ Executable

Documentation

Execution listeners

Extension properties

Example data

Details

Send feedback





Modeler

Home > Use a script task > New BPMN Diagram ▾

Education



Design

**Implement**

Play

✓ Autosaved at 17:59:40



Deploy



Run



Details

**Properties**

Comments



PROCESS

Script task Discount

General



Name

Script task Discount

ID

ScriptTaskDiscount

Version tag

☒ Executable

Documentation



Execution listeners



Extension properties



Example data



Send feedback



Problems 4

Variables







Modeler

Home > Use a script task > New BPMN Diagram ▾

Education



Design

**Implement**

Play

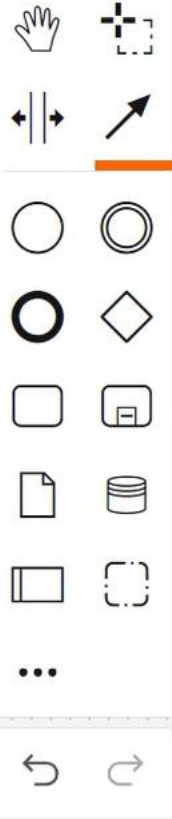
✓ Autosaved at 17:59:40



Deploy



Run



**Properties**

Comments

Publication



START EVENT

General

Name

ID

StartEvent\_1



Details

Documentation



Publication



Form

Type

<none>



Outputs



Execution listeners



Template

+ Select

Extension properties



Example data



Send feedback



Problems 4

Variables





Modeler

Home > Use a script task > New BPMN Diagram ▾

Education



Design

**Implement**

Play

✓ Autosaved at 18:00:03



Deploy



Run



Discount needed

**Properties**

Comments

Publication



**START EVENT**  
Discount needed

**General**

Name

Discount needed

ID

StartEvent\_1

Documentation



Publication



**Form**

Type

<none>

Outputs



Execution listeners



Template

+ Select

Extension properties



Example data



Send feedback



Problems 3

Variables





Modeler

Home > Use a script task > New BPMN Diagram ▾

Education



Design

**Implement**

Play

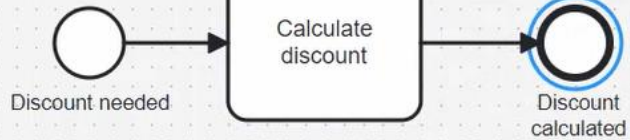
✓ Autosaved at 18:01:08



Deploy



Run



Details

**Properties**

Comments



**END EVENT**

Discount calculated

**General**

Name

Discount calculated

ID

Event\_1doph59

Documentation

Outputs



Execution listeners



Extension properties



Example data



Send feedback



Problems 0

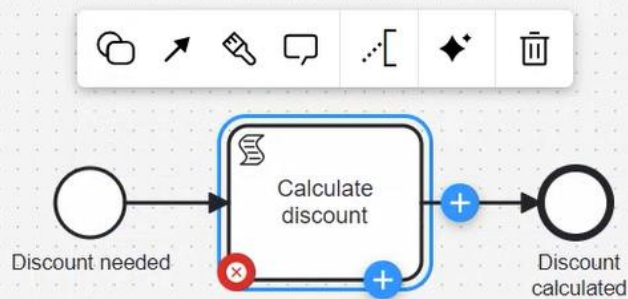
Variables





Design **Implement** Play Autosaved at 18:01:36

**Deploy** **Run**



**Properties** Comments

**SCRIPT TASK**  
Calculate discount

**General**

Name

Calculate discount

ID

Activity\_0yf7jqz

Documentation

**Implementation**

Implementation

<none>

Implementation must be defined.

Inputs

Outputs

Execution listeners

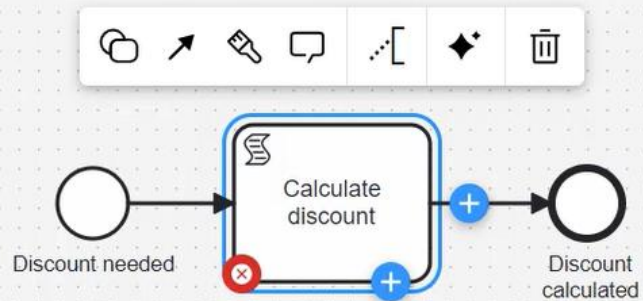
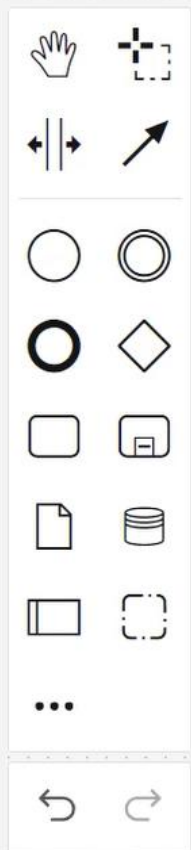
Template

Extension properties


Send feedback

Design **Implement** Play ✓ Autosaved at 18:01:36

 **Deploy**  **Run**  



**Properties** Comments

 **SCRIPT TASK**  
Calculate discount

**General**

Name

Calculate discount

ID

Activity\_0yf7jqz

Documentation

**Implementation**

Implementation

<none>

<none>

FEEL expression

Job worker

Outputs

Execution listeners

Template

Extension properties

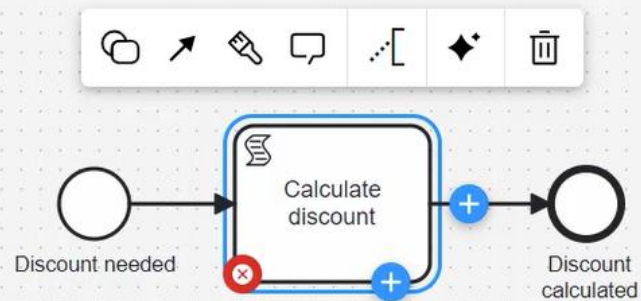
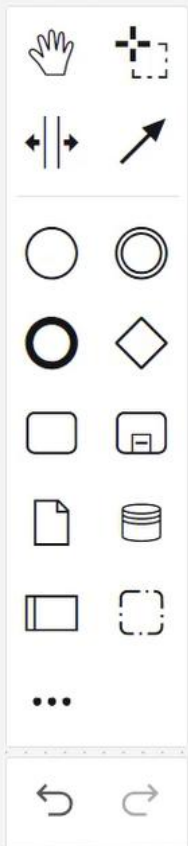
+ Select

Send feedback




Design **Implement** Play  Autosaved at 18:02:10

 **Deploy**  **Run**  



**Properties** Comments

 **SCRIPT TASK**  
Calculate discount

**General**

Name

Calculate discount

ID

Activity\_0yf7jqz

Documentation

**Implementation**

Implementation

FEEL expression

**Script**

Result variable

Result variable must be defined.

FEEL expression *fx*

FEEL expression must be defined.

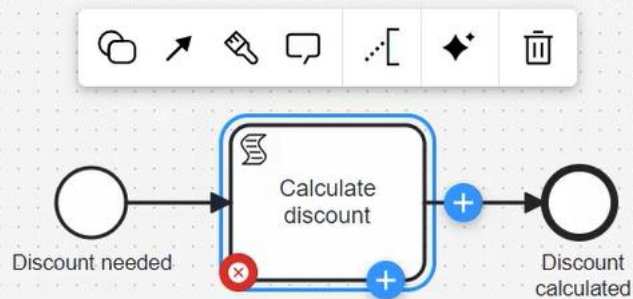
Send feedback





Design **Implement** Play ✓ Autosaved at 18:03:02

**Deploy** **Run**



**Properties** Comments

**SCRIPT TASK**  
Calculate discount

Implementation

Implementation

FEEL expression

**Script**

Result variable

Result variable must be defined.

FEEL expression *fx*

= amount \* 0.8

Inputs

+

Outputs

+

Execution listeners

+

Template

**+ Select**

Extension properties

+

Example data

>

Send feedback



Modeler

Home > Use a script task > New BPMN Diagram ▾

Education



Design

**Implement**

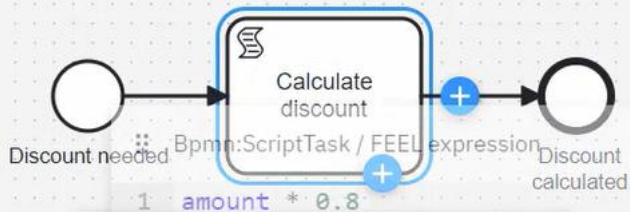
Play



Deploy



Run



[Learn FEEL expressions](#) ?



**Properties**

Comments



**SCRIPT TASK**  
Calculate discount

**General**



Activity\_0yf7jqz

Documentation



Implementation



**Script**



Result variable

discountedAmount

FEEL expression *fx*

= amount \* 0.8



Open pop-up editor

Inputs



Outputs



Execution listeners



Template

+ Select

Extension properties



Example data



Send feedback




Problems 0

Variables





Design **Implement** Play

 **Deploy**

 **Run**



**Properties**

Comments



**SCRIPT TASK**  
Calculate discount

**General**

Activity\_0yf7jqz

Documentation

Implementation

**Script**

Result variable

discountedAmount

FEEL expression *fx*

= Opened in editor

Inputs



Outputs



Execution listeners



Template

+ Select

Extension properties



Example data



Bpmn:ScriptTask / FEEL expression

[Learn FEEL expressions](#)

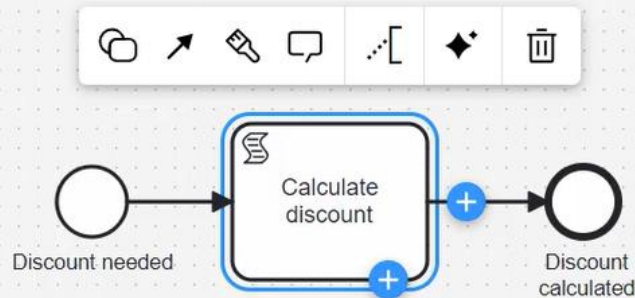
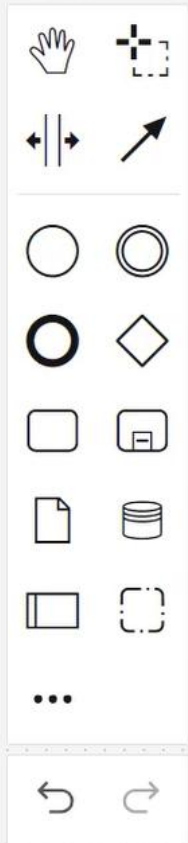


```
1 amount * 0.8
```



Design **Implement** Play ☒ Autosaved at 18:03:32

 **Deploy**  **Run**  



**Properties** Comments

 **SCRIPT TASK**  
Calculate discount

Documentation 

**Implementation**  

Implementation  
FEEL expression 

**Script**  

Result variable  
discountedAmount


FEEL expression *fx*  
= amount \* 0.8

Inputs 

Outputs 

Execution listeners 

Template  **Select**

Extension properties 

Example data 

Details

Send feedback





Design **Implement** Play ✓ Autosaved at 18:03:32



 **Deploy**



 **Run**
























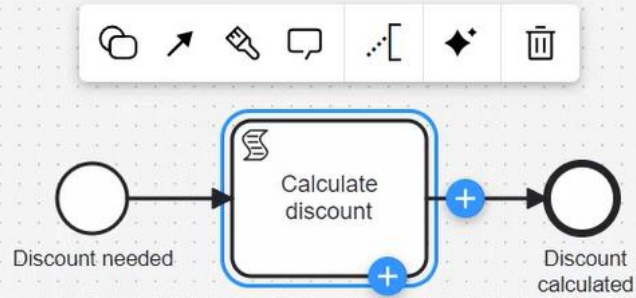















**Properties** Comments

 **SCRIPT TASK**  
Calculate discount

Documentation >

**Implementation** ● ▼

Implementation

FEEL expression ▼

**Script** ● ▼

Result variable

discountedAmount

FEEL expression *fx*

= amount \* 0.8

Inputs +

Outputs +

Execution listeners +

Template

+ Select

Extension properties +

Example data >

Details

Send feedback



Design **Implement** Play Autosaved at 18:03:32

**Deploy** **Run**

**Properties** Comments

**SCRIPT TASK**  
Calculate discount

### Deploy diagram



#### Select a cluster

Your diagram will be deployed in cluster:

☒ Education Cluster (Zeebe 8.6.2)  
98c4fbad-294f-46a0-b6c5-29afd189a107

Healthy

dev

[Manage](#)

Cancel

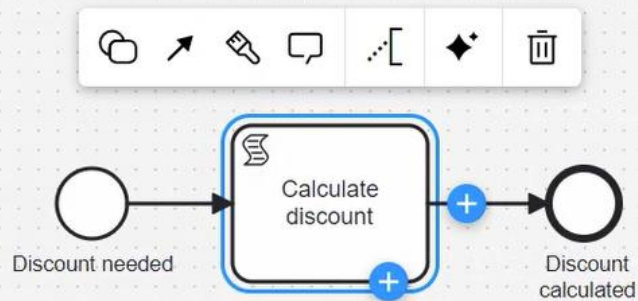
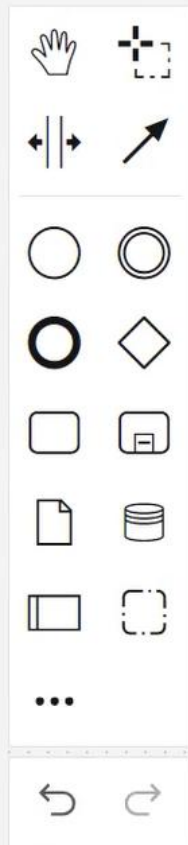
**Deploy**

Send feedback




Design **Implement** Play ☒ Autosaved at 18:03:32

 Deploy  **Run**  



Properties Comments

 **SCRIPT TASK**  
Calculate discount

Documentation >

Implementation ● ▼

Implementation

FEEL expression ▼

Script ● ▼

Result variable

discountedAmount

FEEL expression *fx*

= amount \* 0.8

Inputs +

Outputs +

Execution listeners +

Template

+ Select

Extension properties +

Example data >

Details


Send feedback





### Start instance

#### Select a cluster

Your diagram will be deployed in cluster:

 Education Cluster (Zeebe 8.6.2)  
98c4fbad-294f-46a0-b6c5-29afd189a107

 Healthy

 dev

[Manage](#)

#### Add variables (optional)

Optionally specify data to add to the newly created instance. Variables can be accessed inside the process instance. Read more about [variables](#).

Variables


```
{"amount":1000}
```

JSON format

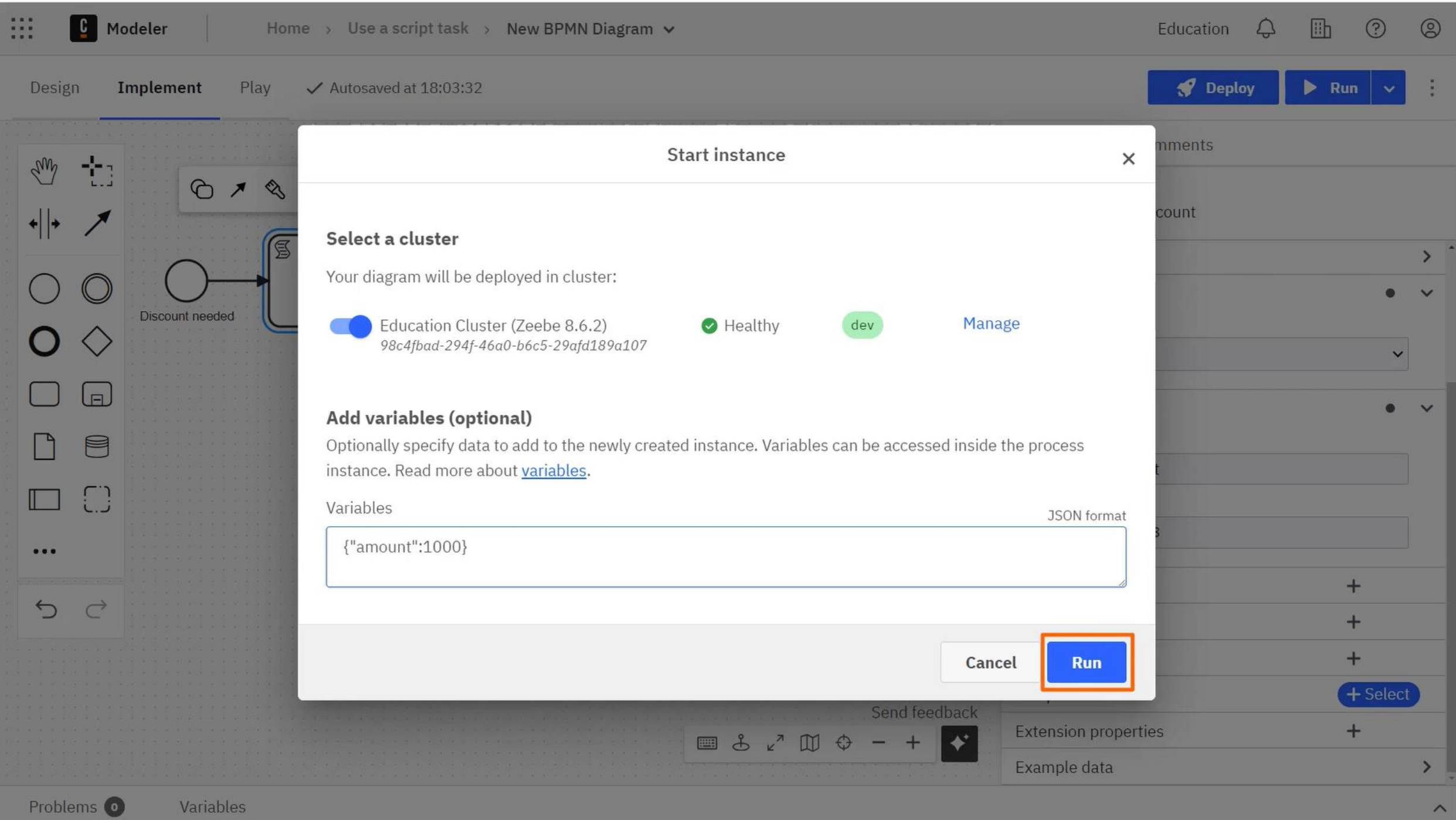
Cancel

Run

Send feedback

Problems  Variables

Extension properties  
Example data



## Start instance

### Select a cluster

Your diagram will be deployed in cluster:



Education Cluster (Zeebe 8.6.2)  
98c4fbad-294f-46a0-b6c5-29afd189a107

✓ Healthy

dev

[Manage](#)

### Add variables (optional)

Optionally specify data to add to the newly created instance. Variables can be accessed inside the process instance. Read more about [variables](#).

Variables

JSON format



```
{"amount":1000}
```



Cancel



Run



Design **Implement** Play



 **Deploy**  **Run** 
















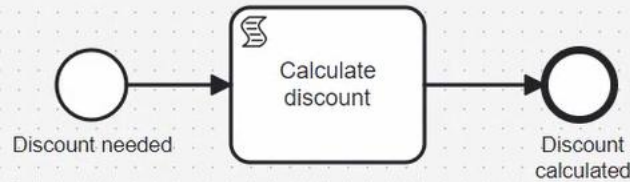














**Properties** Comments

 **PROCESS**  
Script task Discount

**General** 

Name

Script task Discount


ID

ScriptTaskDiscount

Version tag



☒ Executable


Documentation 

Execution listeners 

Extension properties 

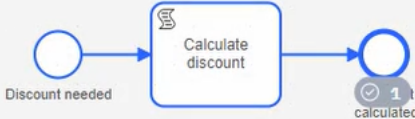
Example data 

Send feedback  

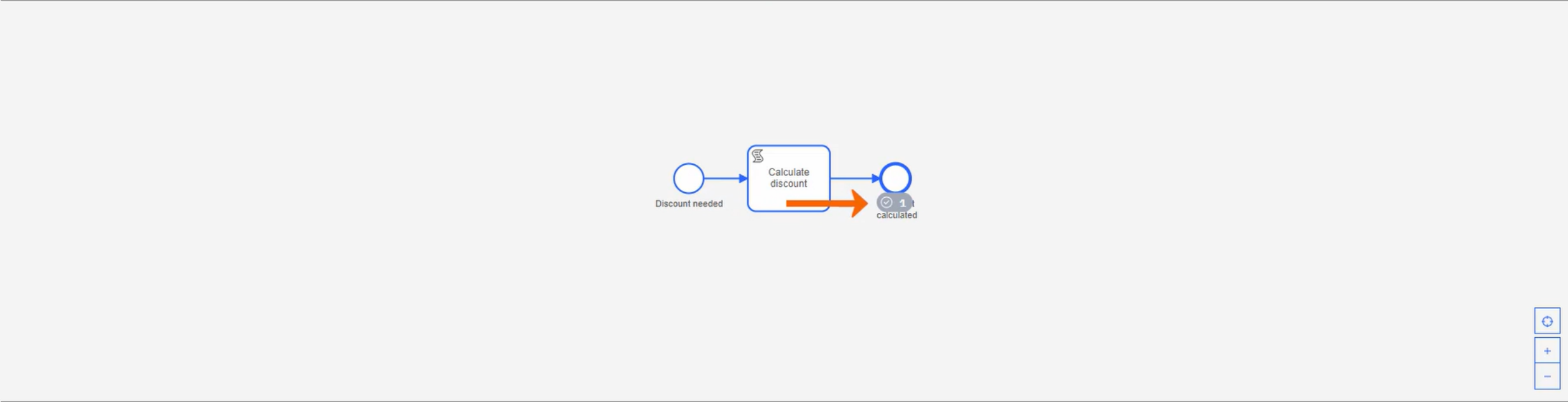
**Instance started!**  
[View process instance](#) 



<div><div><div></div><div></div><div></div><div></div><div></div></div><div><div>Operate</div><div>Dashboard</div><div>Processes</div><div>Decisions</div></div></div> <div><div>?</div><div></div></div>							
<div><div>✓</div></div>	Process Name	Process Instance Key	Version	Start Date	End Date	Parent Process Instance Key	Called Process Instances
	Script task Discount	2251799815117517	1	2024-10-29 18:07:56	2024-10-29 18:07:56	None	None
<div>Delete</div>							



<div>Instance History</div> <div><div>Show End Date</div><div>Show Execution Count</div></div>		<div>Variables</div>	
<div><div>✓</div><div>▼</div><div>Script task Discount</div></div>		<div><div>Name</div><div>Value</div></div>	
<div><div>✓</div><div>○</div><div>Discount needed</div></div>		<div><div>amount</div><div>1000</div></div>	
<div><div>✓</div><div>📄</div><div>Calculate discount</div></div>		<div><div>discountedAmount</div><div>800</div></div>	
<div><div>✓</div><div>○</div><div>Discount calculated</div></div>			
		<div><div>Add Variable</div><div>+</div><div>Copy variables</div><div></div></div>	



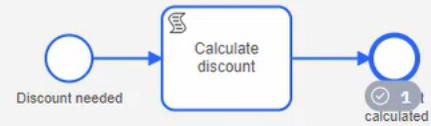
Instance History		Variables	
<div><div>✓</div><div>▼</div><div>Script task Discount</div></div>			
✓	○ Discount needed	Name	Value
✓	📜 Calculate discount	amount	1000
✓	○ Discount calculated	discountedAmount	800
		Add Variable + Copy variables 📄	

Operate

Dashboard

Processes

Decisions

<

Instance History		<input type="checkbox"/> Show End Date	<input type="checkbox"/> Show Execution Count
☑	▼	📄	Script task Discount
☑	○		Discount needed
☑	📄		Calculate discount
☑	○		Discount calculated

Variables

Name	Value
amount	1000
discountedAmount	800

Add Variable + Copy variables 📄