

Bonita Community Edition



Reinvent and automate your business processes

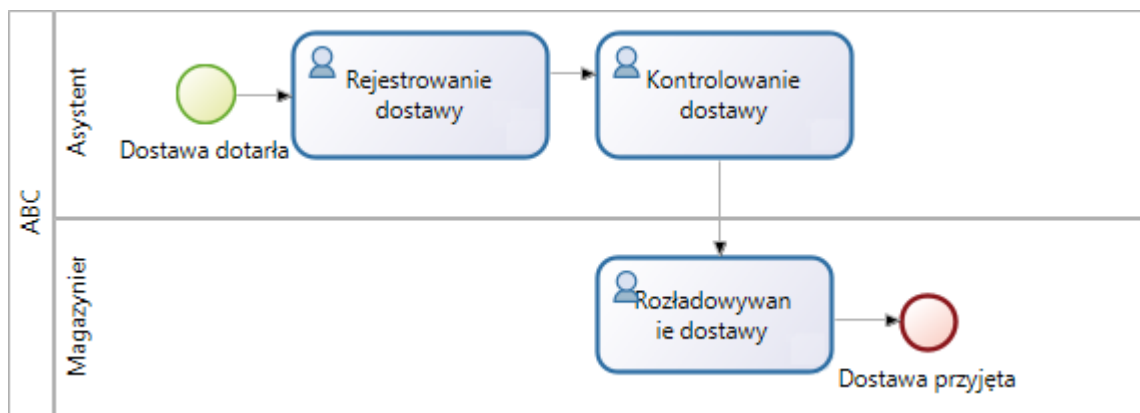
with the Bonita open source Digital Process Automation platform.

Deliver automation projects rapidly and continuously and increase visibility for insights to improve your processes.

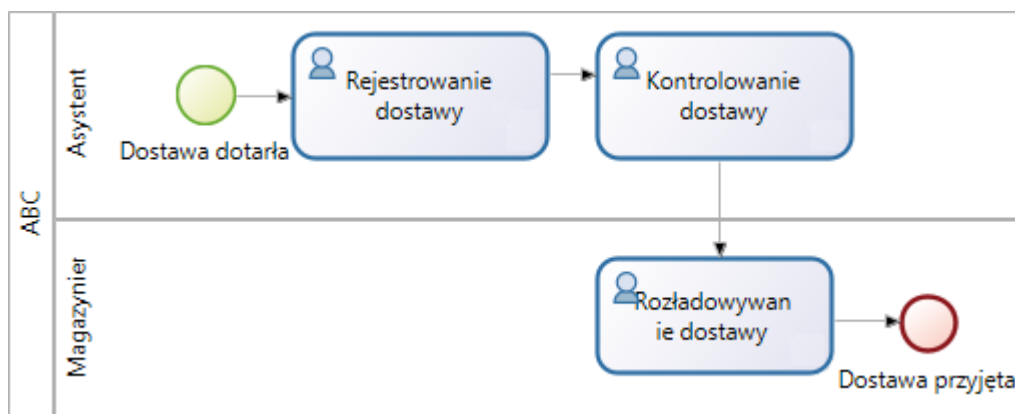
Bonita Studio
Bonita Portal

Proces – Kontrola dostawy

Wersja 1



Wersja 2

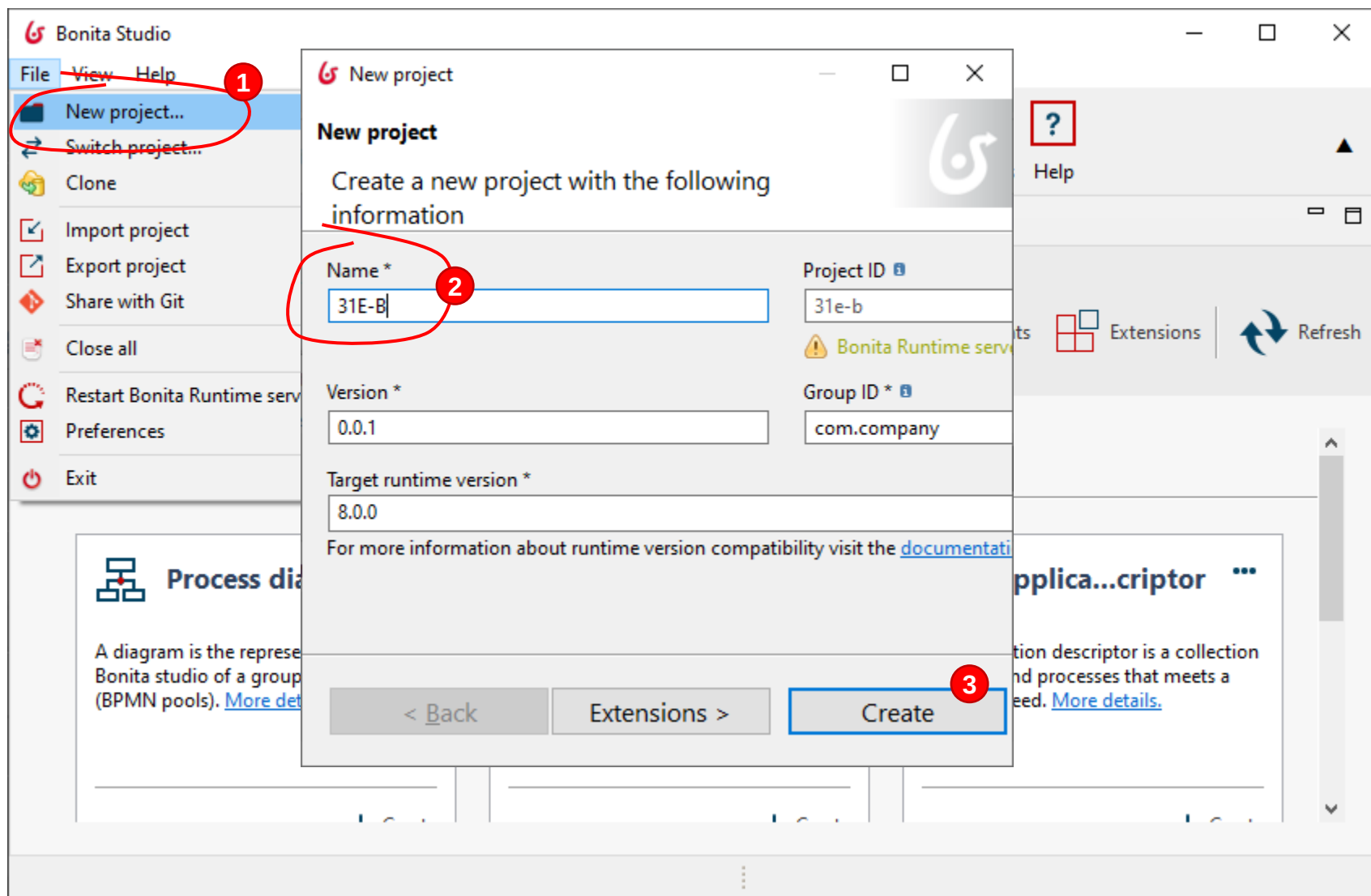


Name	Type
id	STRING
dostawca	STRING
data_dostawy	DATE ONI
opis	STRING
partia	INTEGER
proba	INTEGER
dopuszczalna	INTEGER
niezgodnych	INTEGER
status	STRING

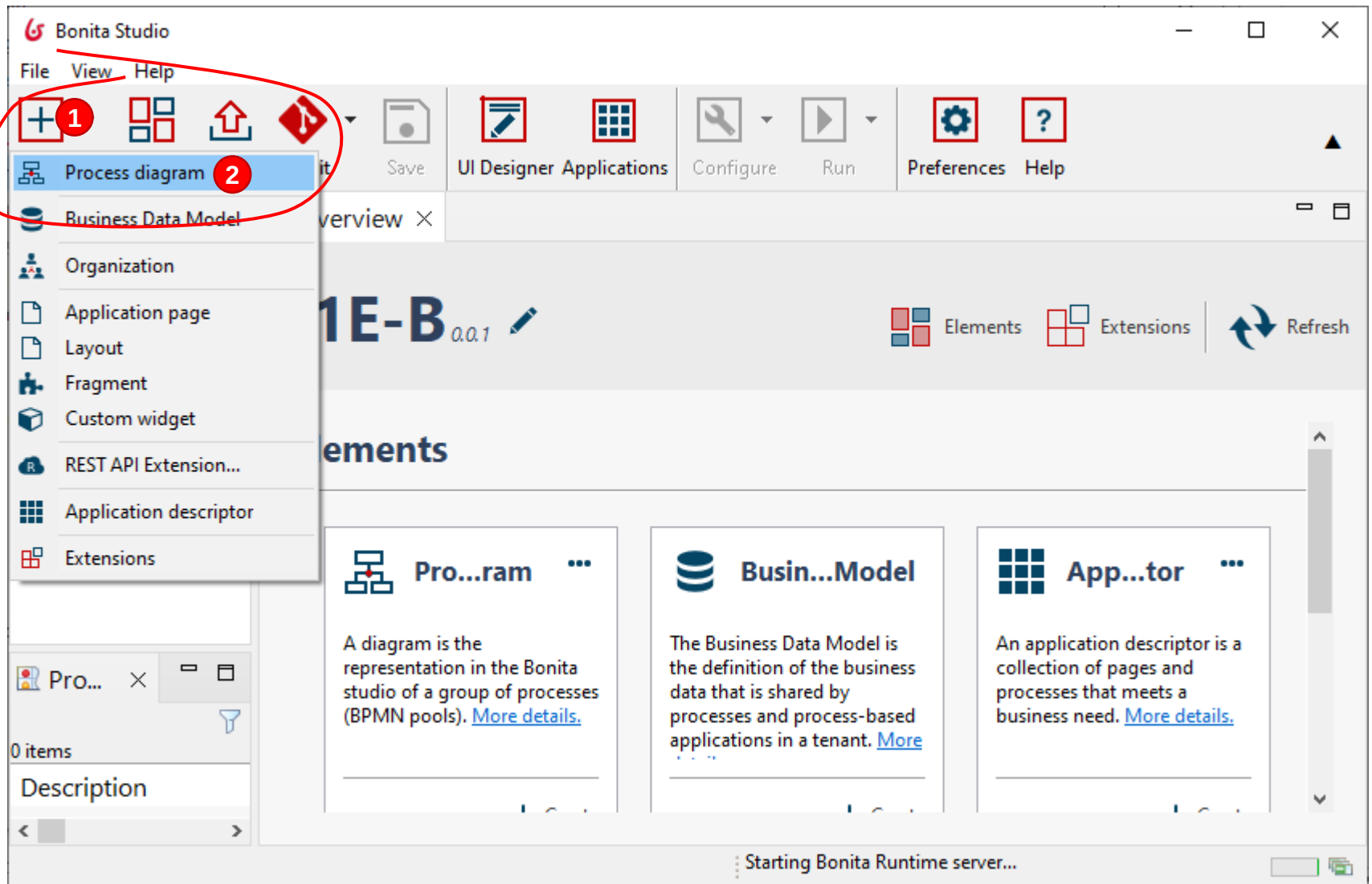
Bonita Studio

Proces wersja 1

Nowy projekt



Nowy diagram



Nowy diagram

The screenshot displays the Bonita Studio interface for creating a new diagram. The window title is "Bonita Studio". The menu bar includes "File", "View", and "Help". The toolbar contains various icons for creating, editing, and running diagrams. The main workspace shows a process diagram titled "MyDiagram (1.0)". The diagram consists of a "Pool" (labeled "Pool") with an "employee lane", a "Start1" event, and a "Step1" task. The "Palette" on the left lists categories: "Swimlanes", "Gateways", and "Flow". The "Properties" panel on the right shows the "General" tab for the "Pool" element, with fields for "Name" (set to "Pool") and "Description".

1. składowe projektu

2. diagram procesu

3. pole właściwości

Diagram – zmiana nazwy

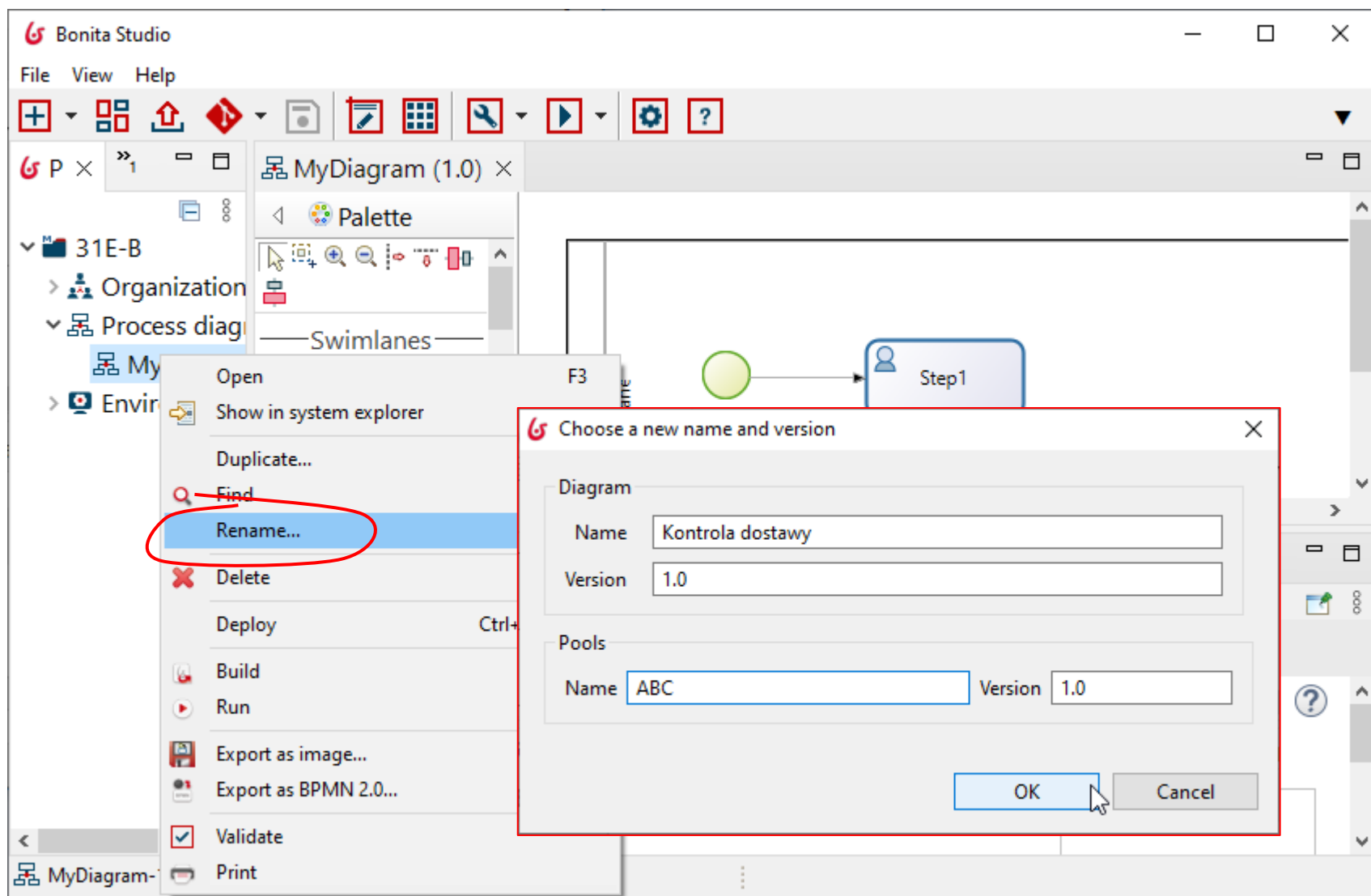


Diagram – właściwości

The screenshot displays the Bonita Studio application window. The main canvas shows a BPMN diagram titled "*Kontrola dostawy (1.0)". The diagram consists of a single lane labeled "Employee lane" containing a start event "Start1" and a task "Step1".

On the left, the "Palette" panel is visible, showing various BPMN elements categorized under "Swimlanes", "Gateways", and "Flow". A red arrow points from the text "wybrany tor: Employee lane" to the "Employee lane" label in the diagram.

Below the palette, the "Properties" panel is open, showing the "Employee lane" properties. The "Pool" section is expanded, showing the "Lane" and "Actors" tabs. The "Name" field is set to "ABC". A red arrow points from the text "właściwości" to the "Properties" panel.

The top toolbar contains various icons for diagram manipulation, including a red-bordered icon for the "Employee lane" element.

Diagram – dodawanie toru

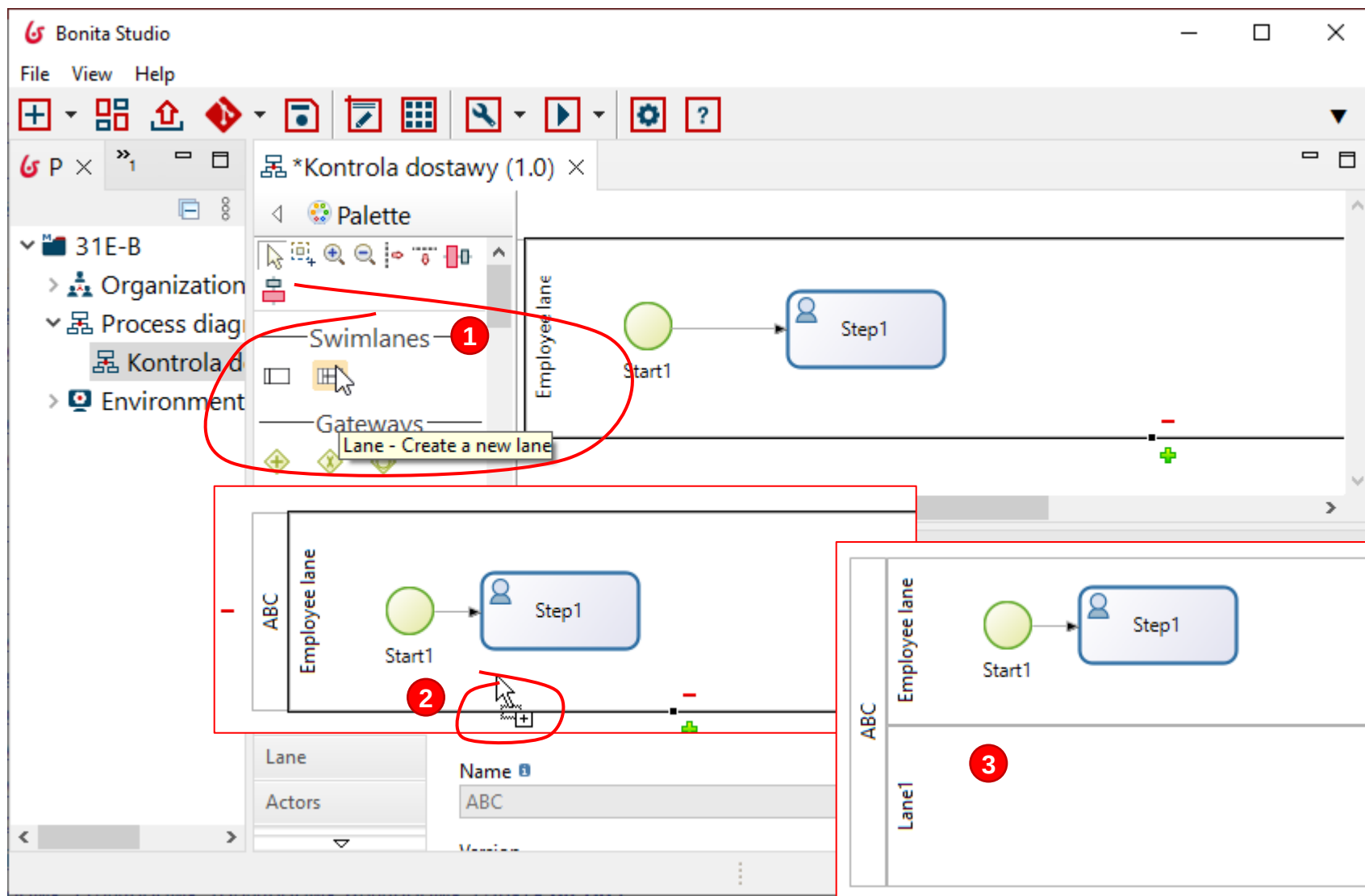
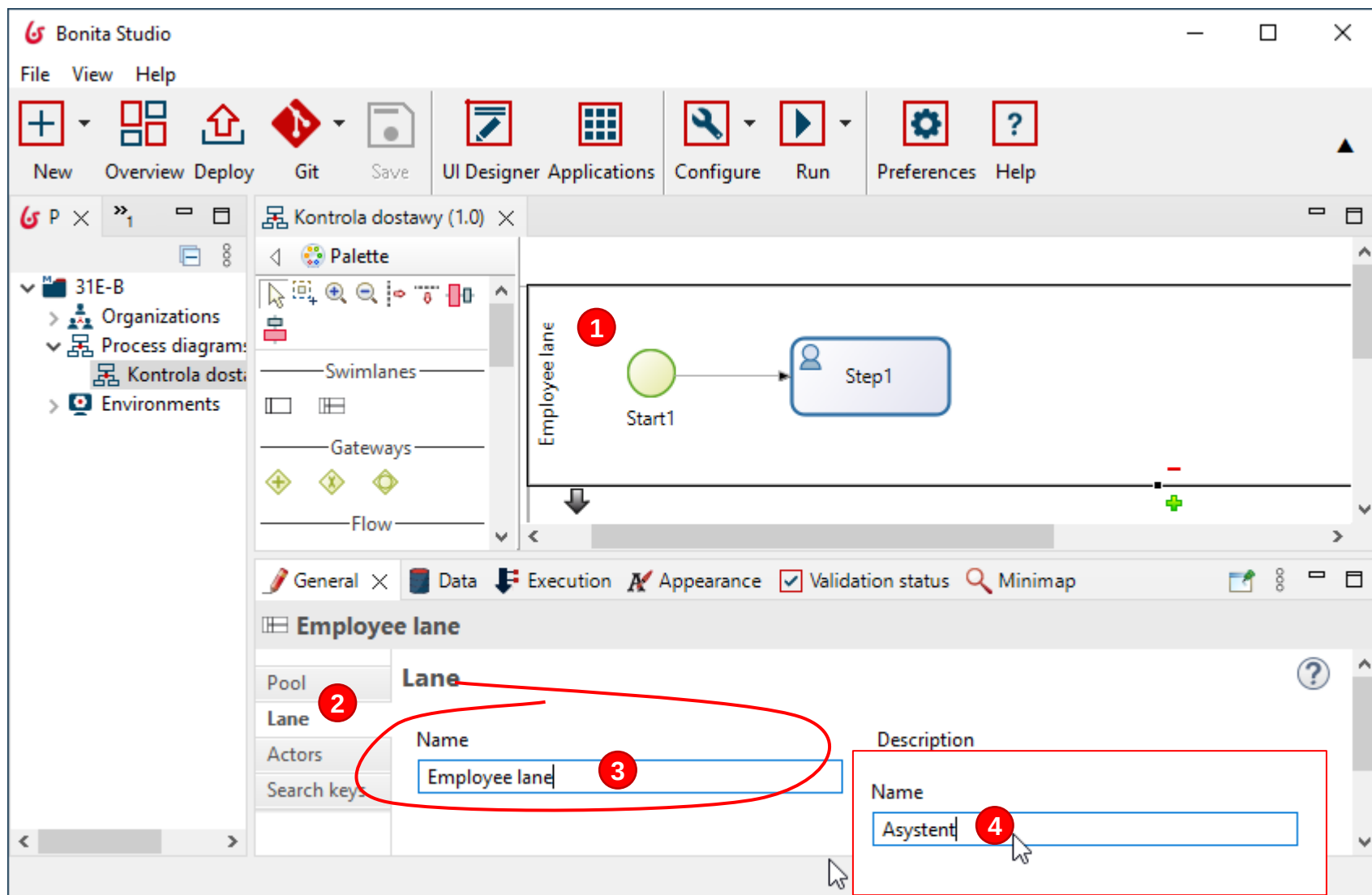


Diagram – edycja właściwości



Diagram

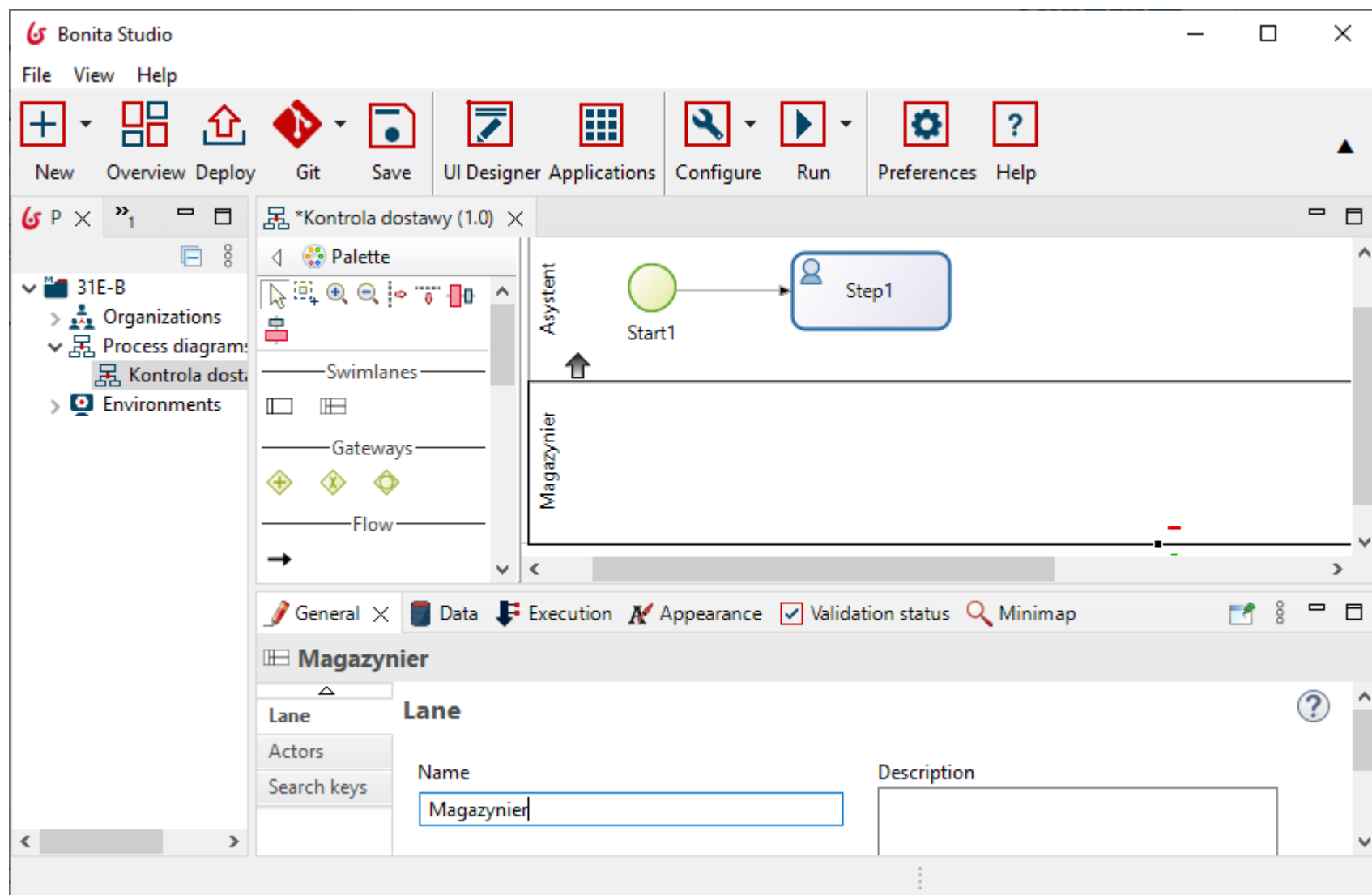


Diagram – edycja diagramu

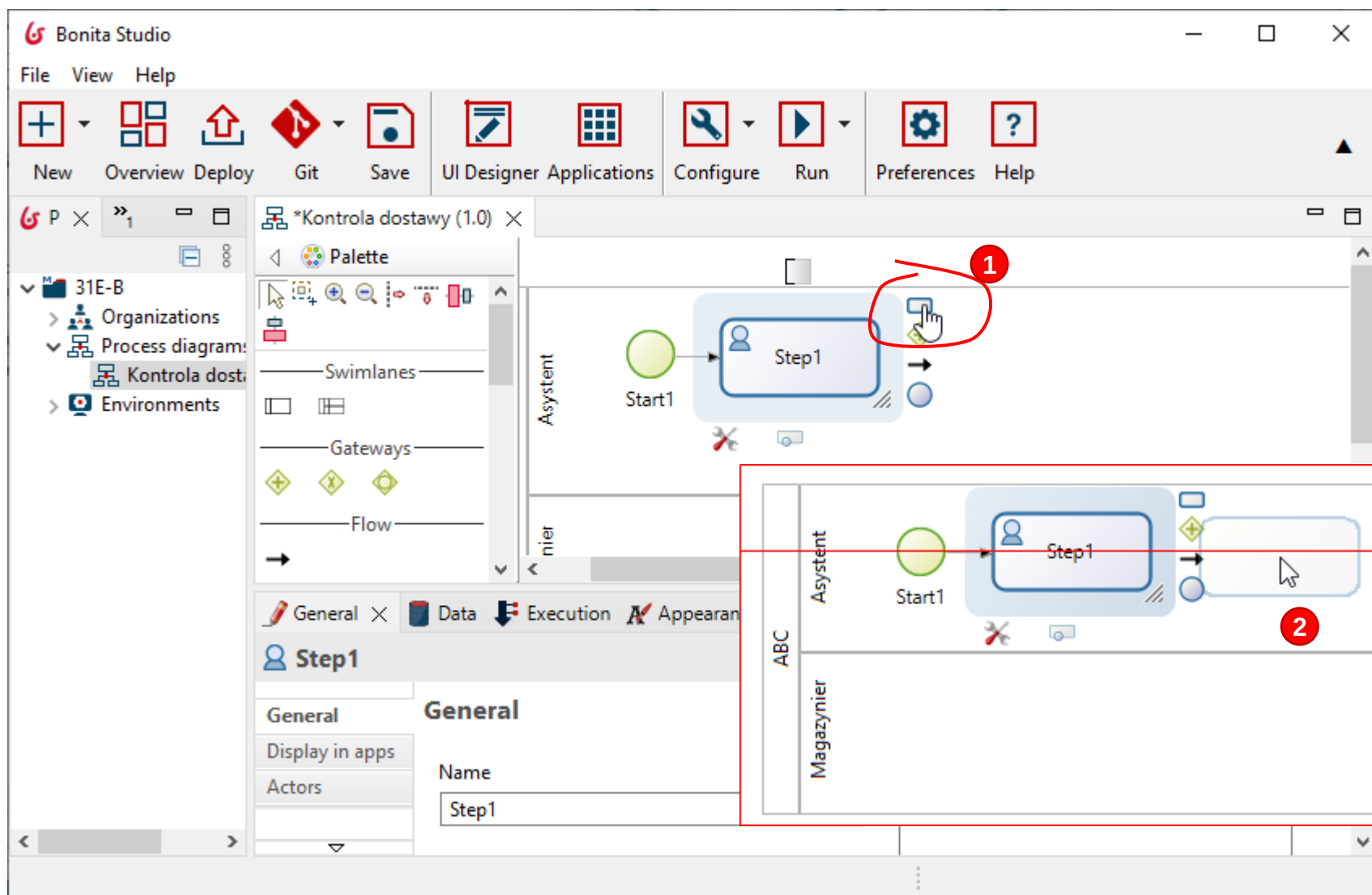


Diagram – edycja diagramu

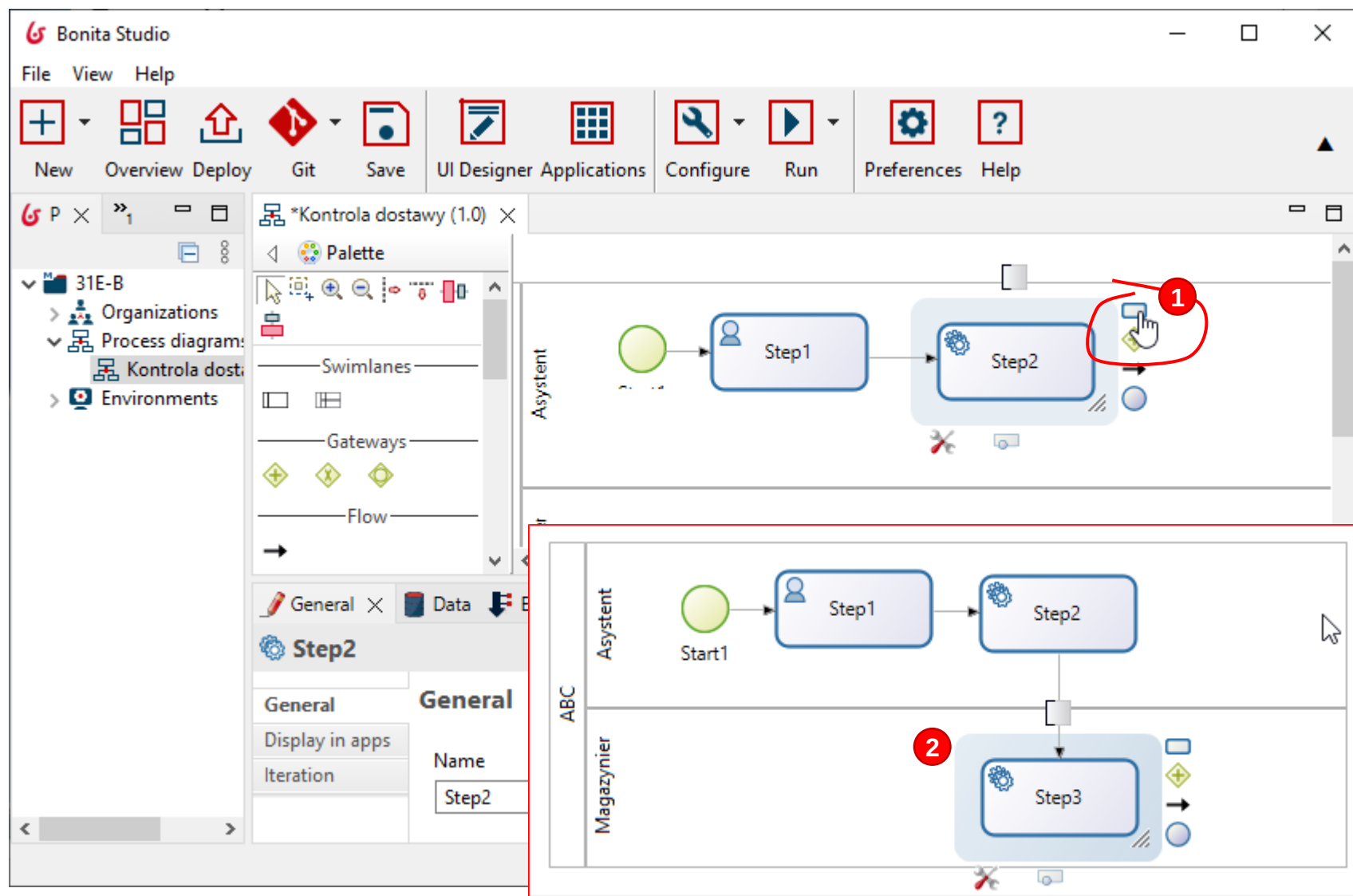


Diagram – edycja diagramu

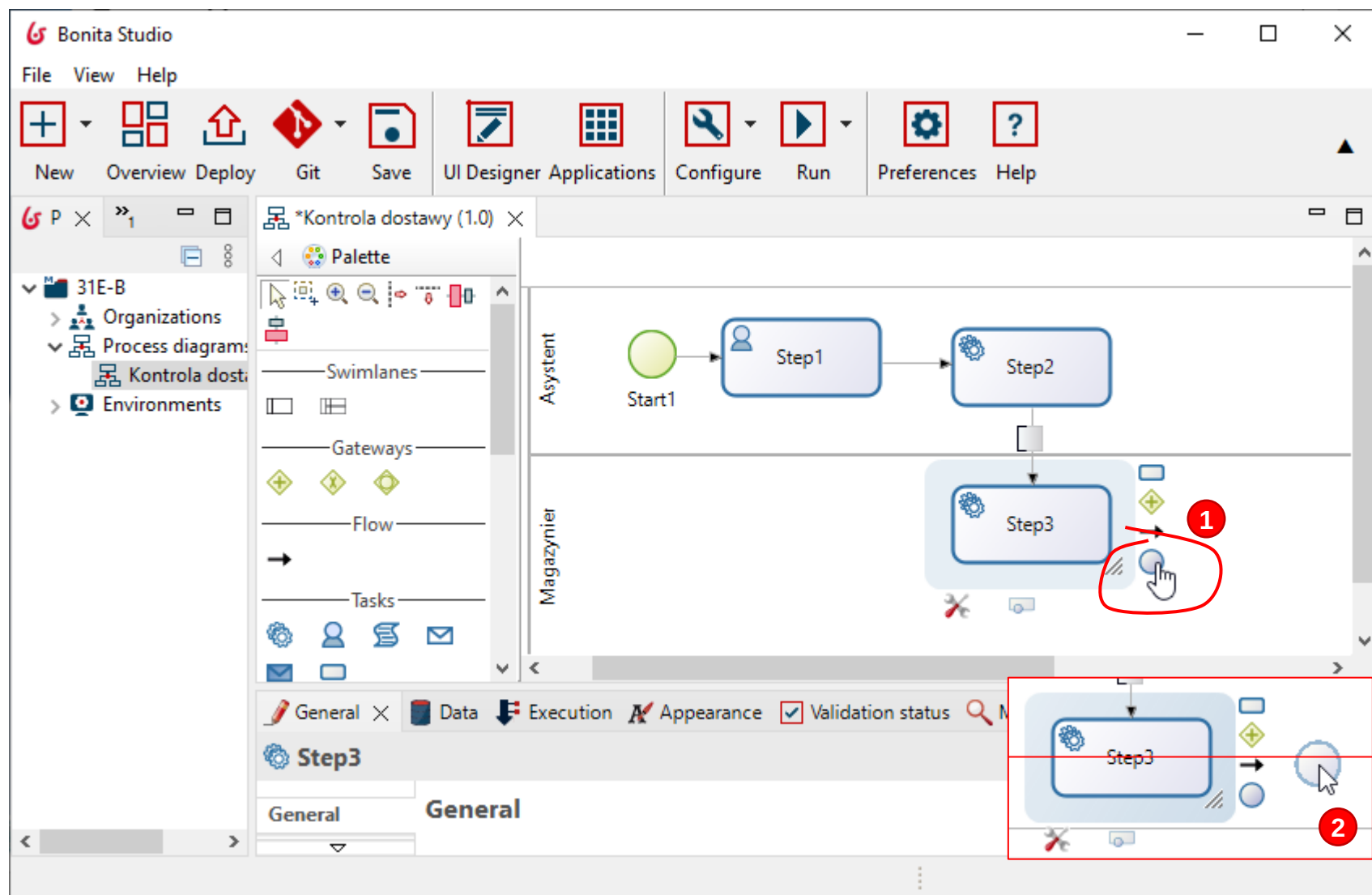


Diagram – edycja diagramu

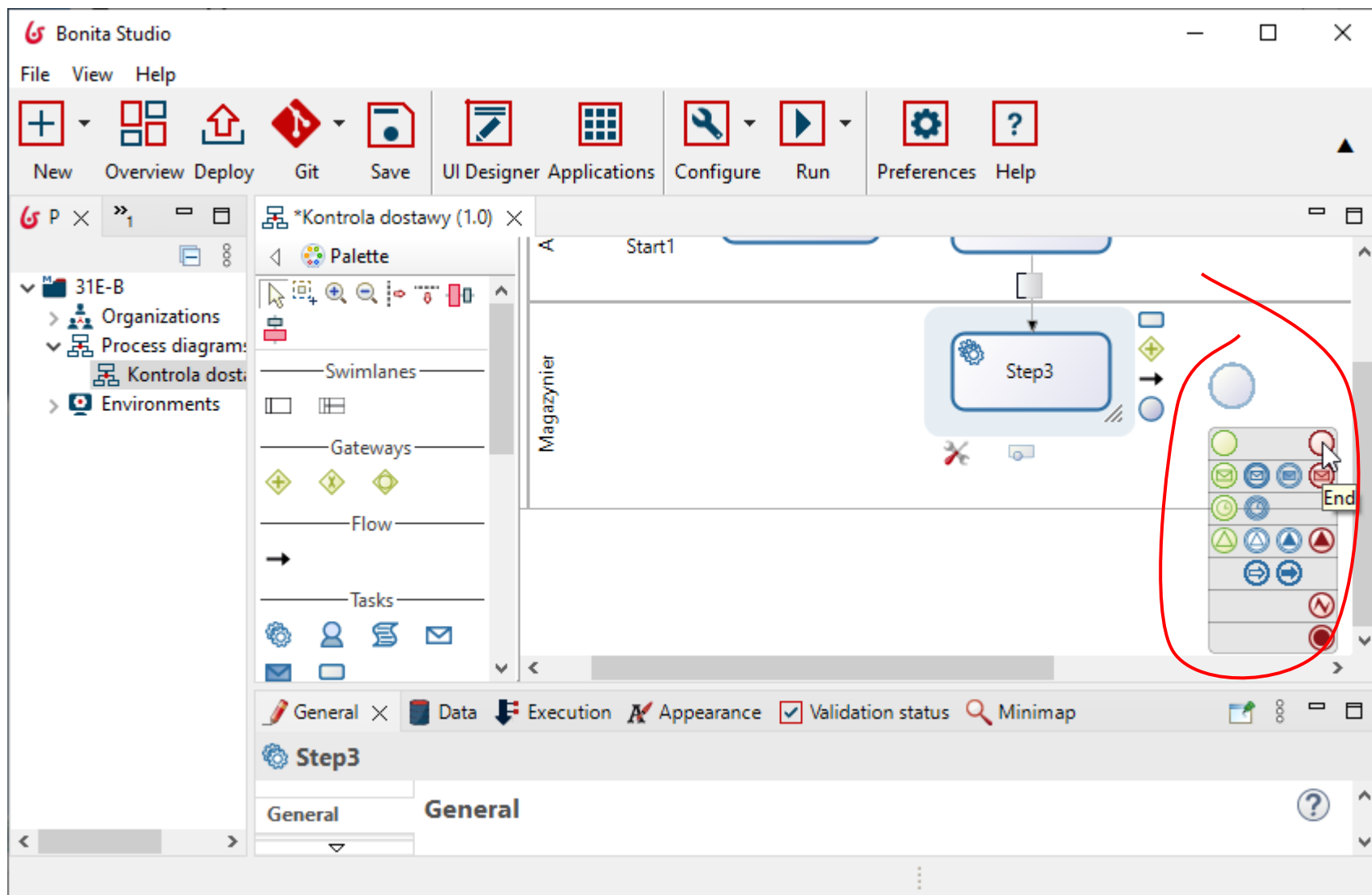


Diagram – właściwości elementów

The screenshot displays the Bonita Studio interface. The top menu bar includes File, View, and Help. The toolbar contains icons for New, Overview, Deploy, Git, Save, UI Designer, Applications, Configure, Run, Preferences, and Help. The left sidebar shows a project tree with '31E-B' and 'Process diagrams' expanded, highlighting 'Kontrola dostawy'. The main canvas shows a process diagram titled '*Kontrola dostawy (1.0)'. It features a start event (green circle) labeled 'Dostawa dotarła' (marked with a red '1'), followed by a task 'Step1' and another task 'Step2'. The 'Properties' panel at the bottom is open, showing the 'General' tab for the selected element 'Dostawa dotarła'. The 'Name' field is filled with 'Dostawa dotarła' (marked with a red '2').

Bonita Studio

File View Help

New Overview Deploy Git Save UI Designer Applications Configure Run Preferences Help

*Kontrola dostawy (1.0)

Palette

Swimlanes

Gateways

General Data Execution Appearance Validation status Minimap

Dostawa dotarła

General

Display in apps

Name: Dostawa dotarła

Description:

Diagram – właściwości elementów

The screenshot displays the Bonita Studio interface. The main workspace shows a BPMN diagram with a task named 'Kontrolowanie dostawy' (Delivery Control). A red circle with the number '1' highlights the task, and a red circle with the number '2' highlights the 'Properties' icon in the bottom right corner of the diagram area.

The 'Properties' panel for the 'Kontrolowanie dostawy' task is visible at the bottom. It includes the following fields:

- Name:** Kontrolowanie dostawy
- Task type:** Service
- Description:** (Empty text area)

The diagram also shows a start event 'Dostawa dotarła' (Delivery arrived) and a task 'Rejestrowanie dostawy' (Delivery registration) preceding 'Kontrolowanie dostawy'.

Diagram – właściwości elementów

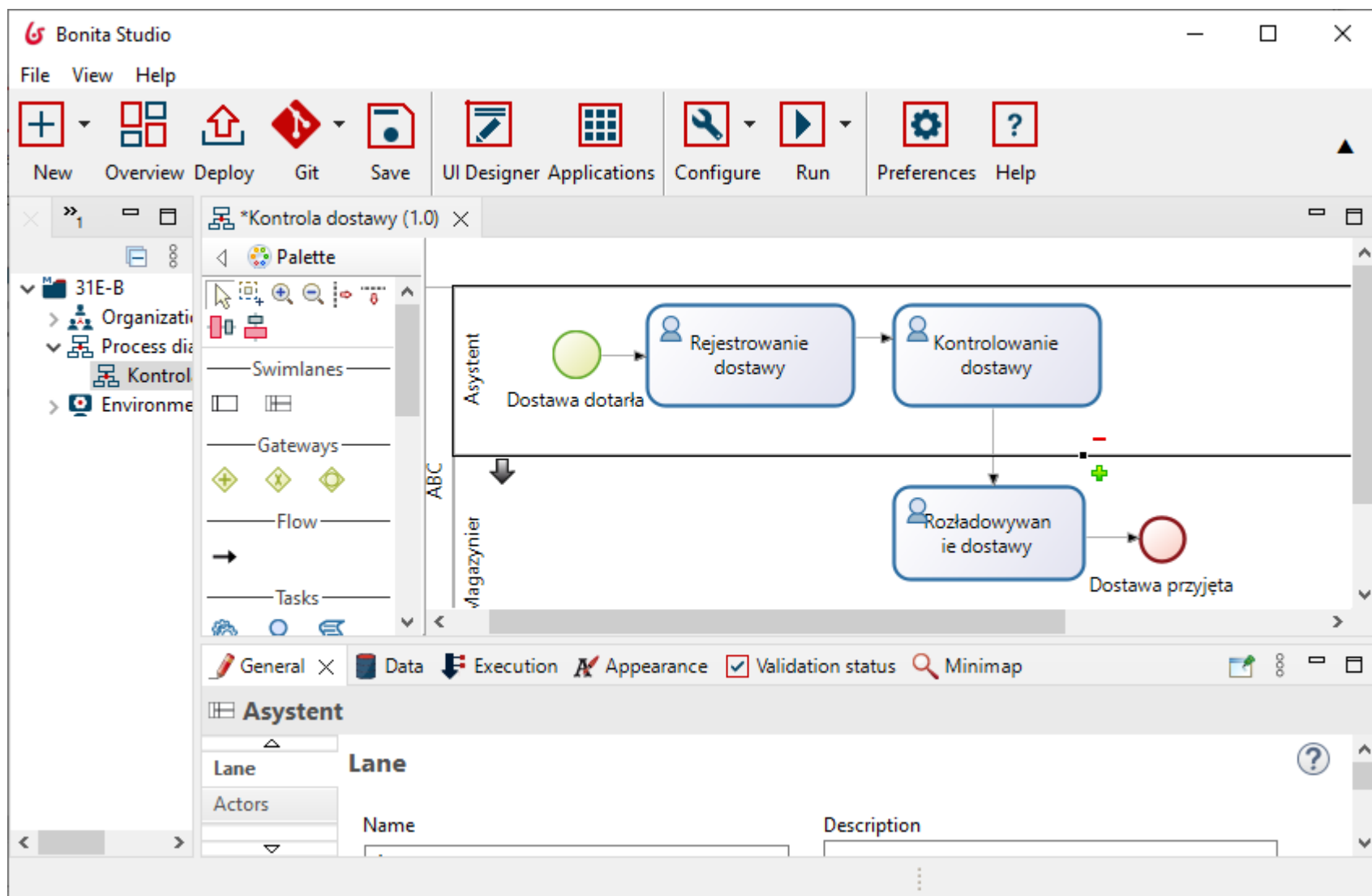


Diagram – kontrola poprawności

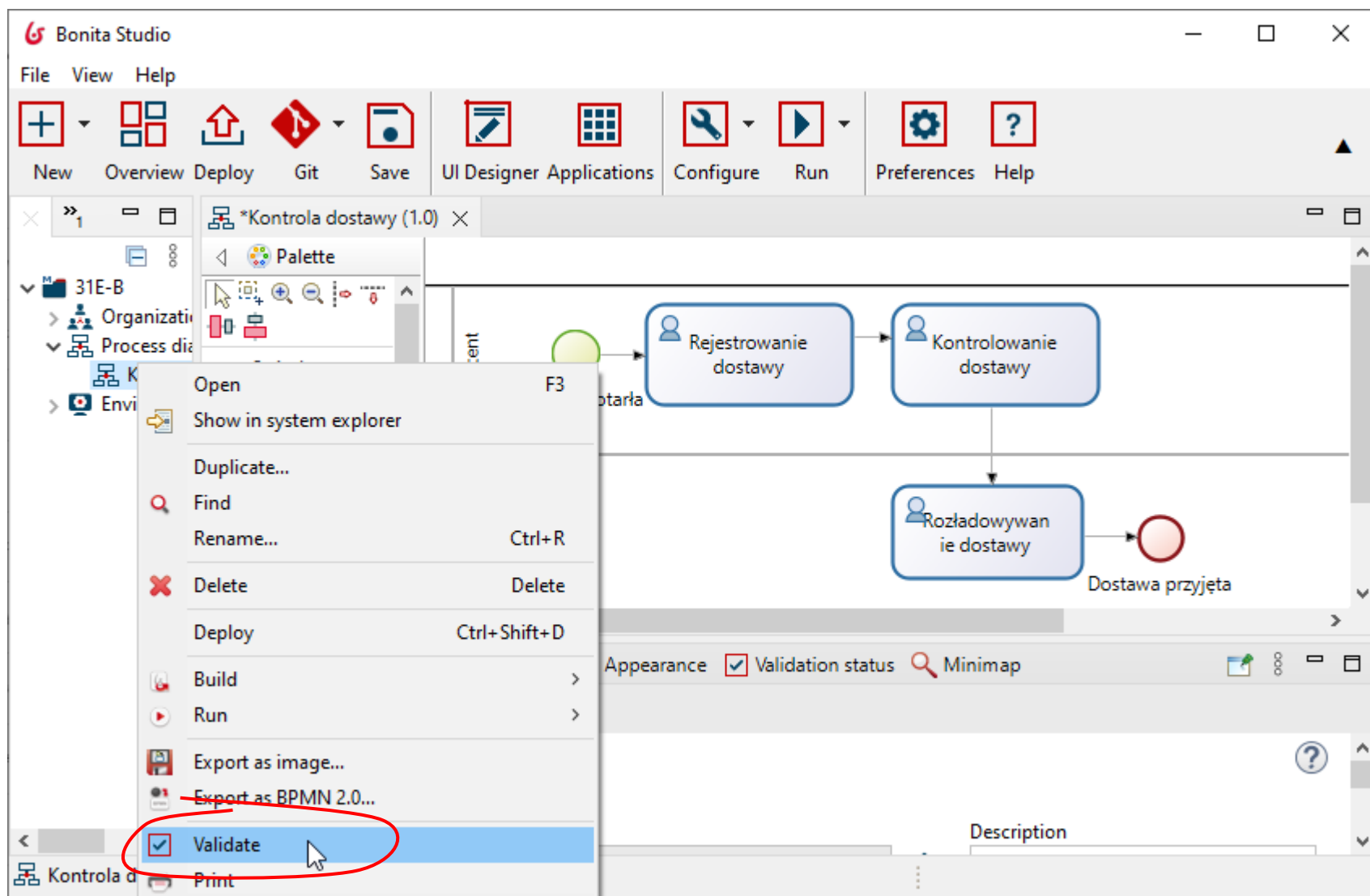


Diagram – kontrola poprawności

The screenshot shows the Bonita Studio interface. A 'Validation failed' dialog box is open, indicating '2 issues found in ABC 1.0 (Kontrola dostawy-1.0.proc)'. A red callout bubble points to this dialog with the text: *w torach lub zadaniach użytkownika należy zdefiniować aktorów (wykonawców) odpowiedzialnych za realizację*. Below the dialog, the 'Validation status' tab is selected, showing a table of issues. A red circle highlights the last two rows of the table, which both state 'No actor defined'.

Validation failed

2 issues found in ABC 1.0 (Kontrola dostawy-1.0.proc)

OK

Validation status

S...	Element	Description
⚠	Kontrola dostawy::ABC::Asystent::Kontrolowanie dostawy::<Fo...	UI Designer form type is selected and no target form is defi...
⚠	Kontrola dostawy::ABC::Magazynier::Rozładowywanie dostawy...	UI Designer form type is selected and no target form is defi...
⚠	Kontrola dostawy::ABC::<FormMapping>	UI Designer form type is selected and no target form is defi...
⚠	Kontrola dostawy::ABC::<FormMapping>	UI Designer form type is selected and no target form is defi...
⚠	Kontrola dostawy::ABC::Asystent::Rejestrowanie dostawy::<For...	UI Designer form type is selected and no target form is defi...
✖	Kontrola dostawy::ABC::Magazynier	No actor defined
✖	Kontrola dostawy::ABC::Magazynier::Rozładowywanie dostawy	No actor defined

Diagram – definiowanie wykonawców procesu

The screenshot displays the Bonita Studio interface for defining process actors. The main workspace shows a process diagram with a pool named 'Asystent' containing a start event 'Dostawa dotarła', followed by two tasks: 'Rejestrowanie dostawy' and 'Kontrolowanie dostawy'. A red circle with the number '1' highlights the 'Asystent' pool name.

Below the workspace, the 'Actors' tab is active, showing a table of actors. A red circle with the number '2' highlights the 'Actors' tab. The table has columns 'Name' and 'Description'. The first row is highlighted in blue and contains the text 'Employee actor' and 'This is an example of actor that is mapped to any ACME users'. A red circle with the number '3' highlights the 'Add' button.

At the bottom of the actors table, a note states: 'Note: when no initiator is set, the process can only be started programmatically'.

Name	Description
Employee actor	This is an example of actor that is mapped to any ACME users

Diagram – definiowanie wykonawców procesu

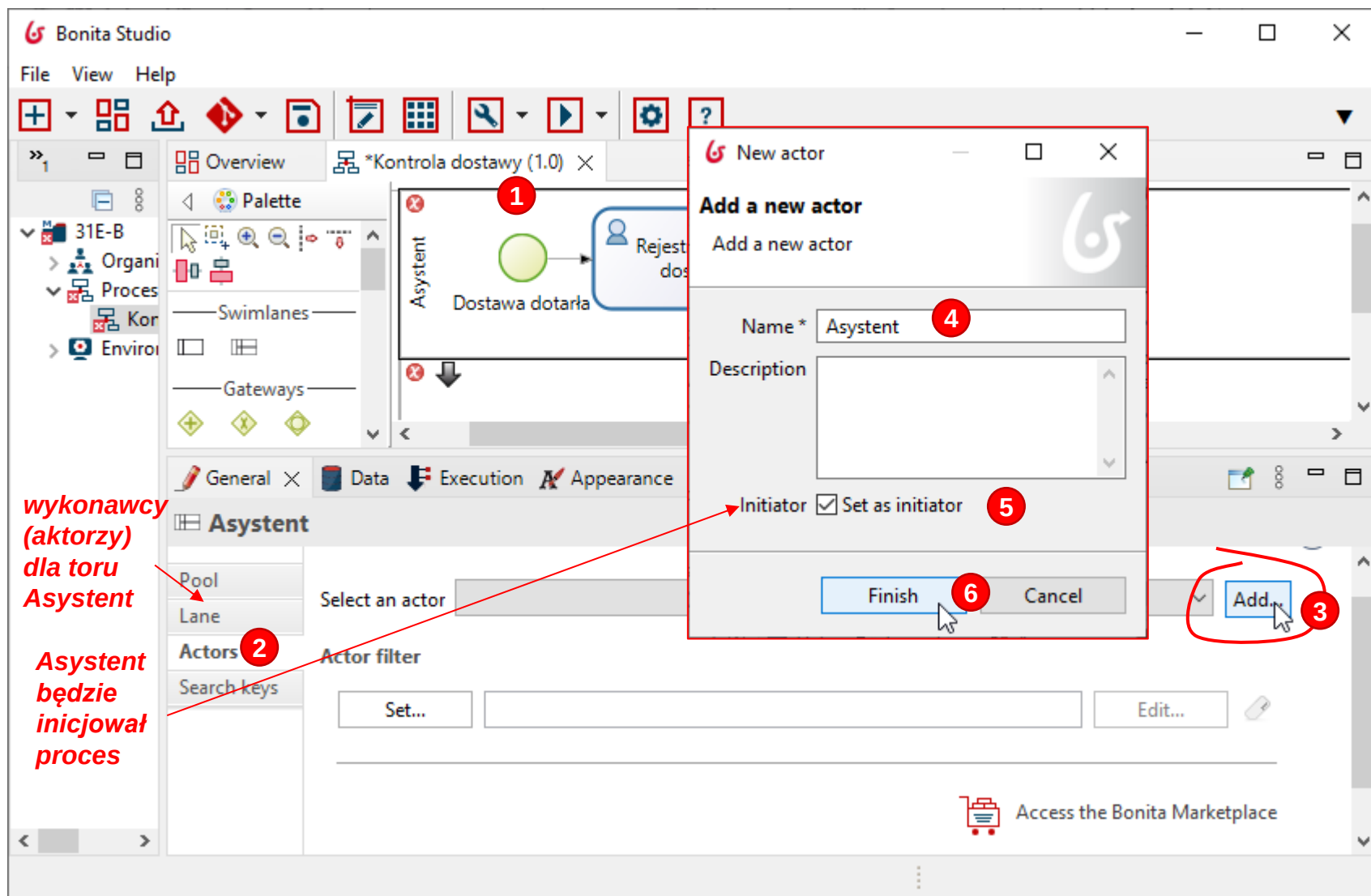


Diagram – definiowanie wykonawców procesu

wykonawcy (aktorzy) dla toru Magazynier

Magazynier nie będzie inicjował procesu

1 Actor name in diagram

2 Actor filter in palette

3 Add button in diagram

4 Actor name in dialog

5 Set as initiator checkbox

6 Finish button in dialog

Diagram – definiowanie wykonawców procesu

The screenshot displays the Bonita Studio interface for defining a process. The main workspace shows a process diagram for 'Kontrola dostawy (1.0)'. The diagram includes a start event 'Dostawa dotarła' leading to a task 'Rejestrowanie dostawy', which then leads to 'Kontrolowanie dostawy'. The process is associated with the actor 'Asystent'.

On the left, the 'Palette' shows various elements like 'Swimlanes' and 'Gateways'. Below the palette, the 'Actors' section is visible, showing a table of actors for the pool 'ABC'.

Name	Description
Asystent	
Magazynier	

Red arrows point from the text annotations to the 'Asystent' actor in the table and the 'Asystent' label in the process diagram.

wykonawcy (aktorzy) dla basenu ABC

Asystent inicjuje proces

Note: when no initiator is set, the process can only be started programmatically

Diagram – kontrola poprawności

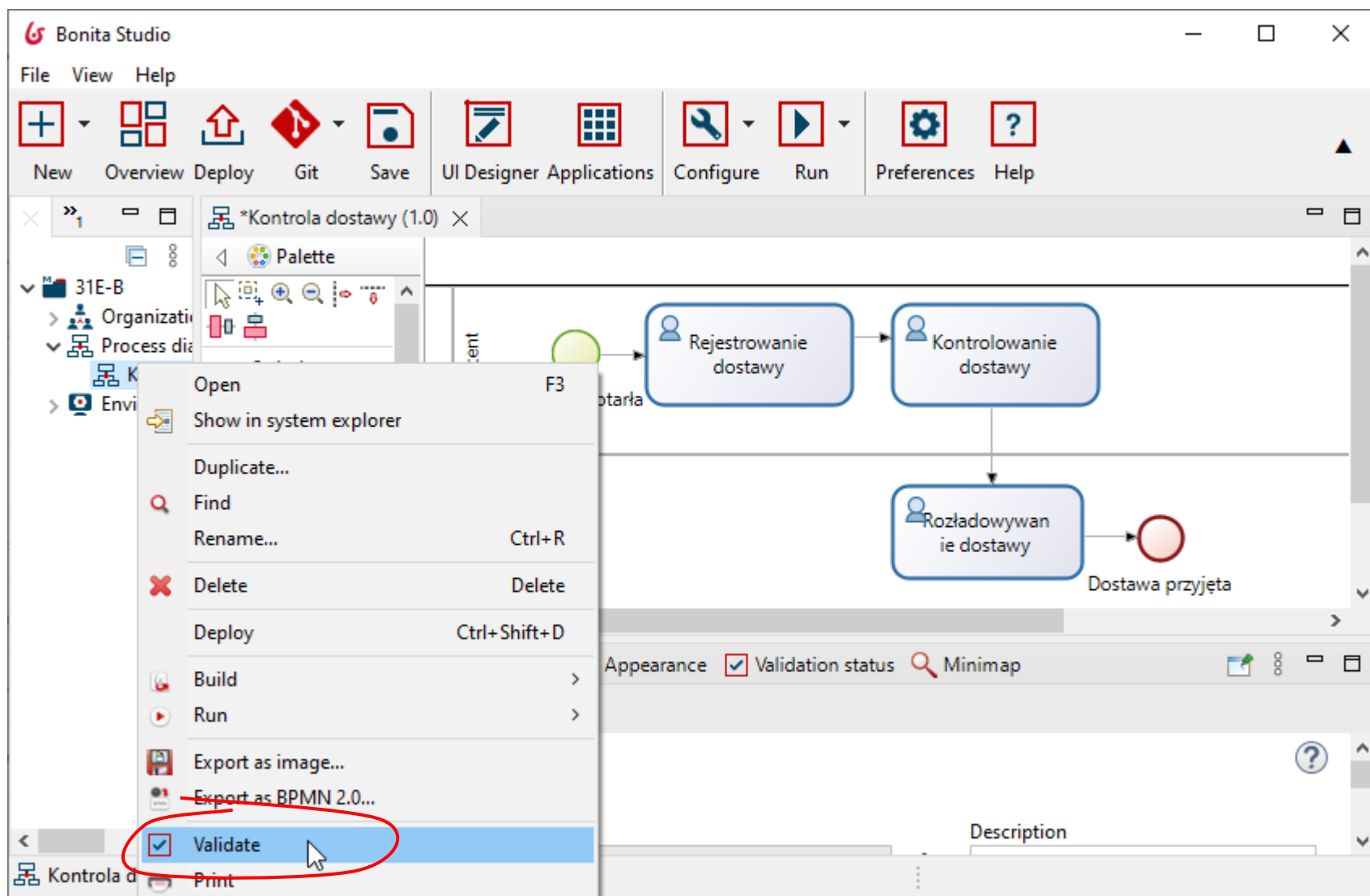


Diagram – kontrola poprawności

The screenshot shows the Bonita Studio interface. The main canvas displays a BPMN diagram for a process named 'Kontrola dostawy (1.0)'. The diagram includes a start event 'Dostawa dotarła', followed by two tasks: 'Rejestrowanie dostawy' and 'Kontrolowanie dostawy'. A red circle with the number '1' highlights the 'Validation status' tab in the bottom toolbar.

Below the diagram, the 'Validation status' tab is active, showing a table of validation errors. A red oval highlights the table, and a red callout box points to it with the text 'zostały tylko ostrzeżenia' (only warnings remain).

Sev...	Element	Description
⚠	Kontrola dostawy::ABC::Asystent::Re...	UI Designer form type is selected and no target form is defined for entry form mappin...
⚠	Kontrola dostawy::ABC::Asystent::Ko...	UI Designer form type is selected and no target form is defined for entry form mappin...
⚠	Kontrola dostawy::ABC::Magazynier::...	UI Designer form type is selected and no target form is defined for entry form mappin...
⚠	Kontrola dostawy::ABC::<FormMap...	UI Designer form type is selected and no target form is defined for instantiation form ...
⚠	Kontrola dostawy::ABC::<FormMap...	UI Designer form type is selected and no target form is defined for overview page map...

Bonita Studio

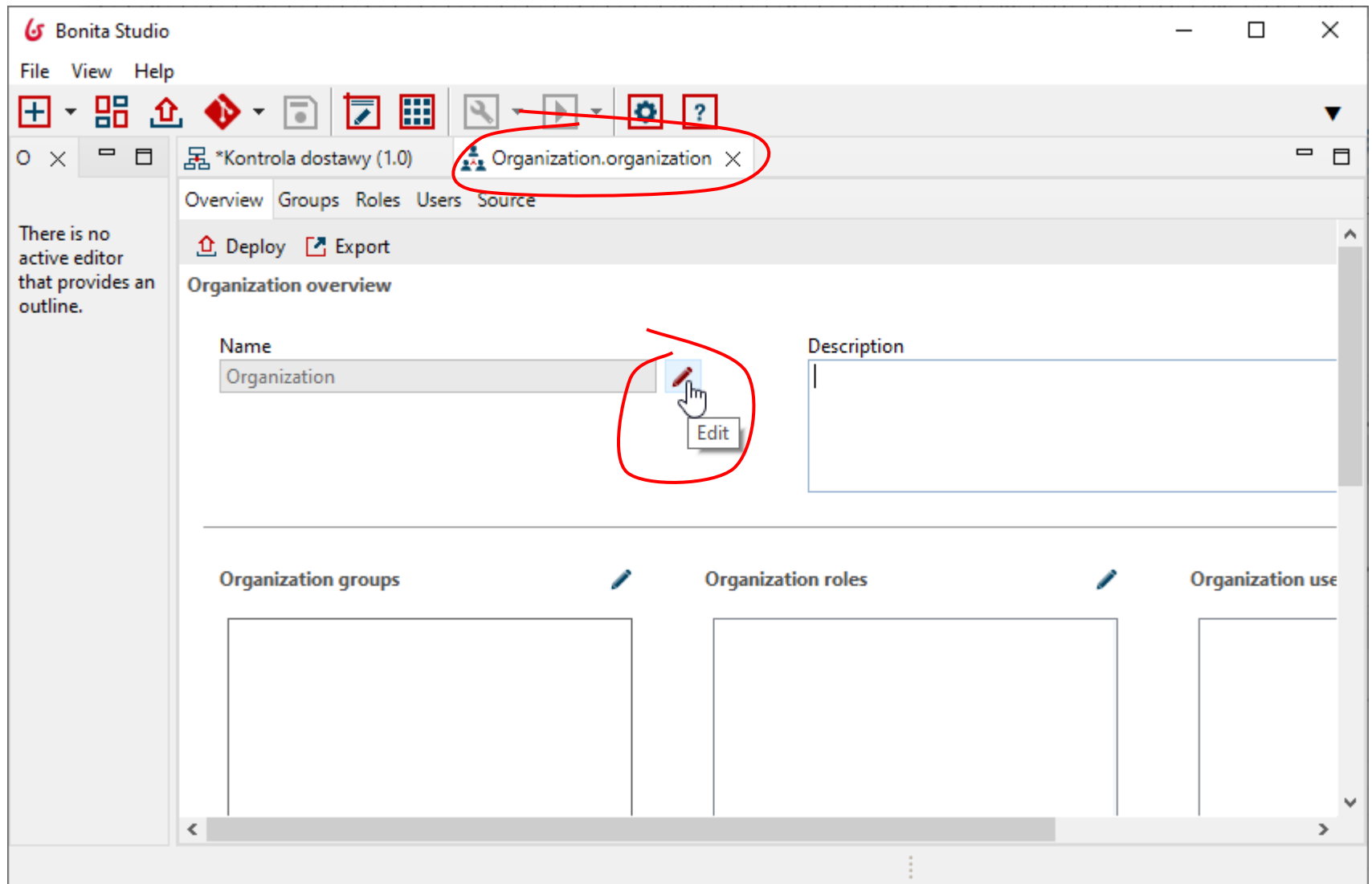
Struktura organizacyjna

Struktura organizacyjna

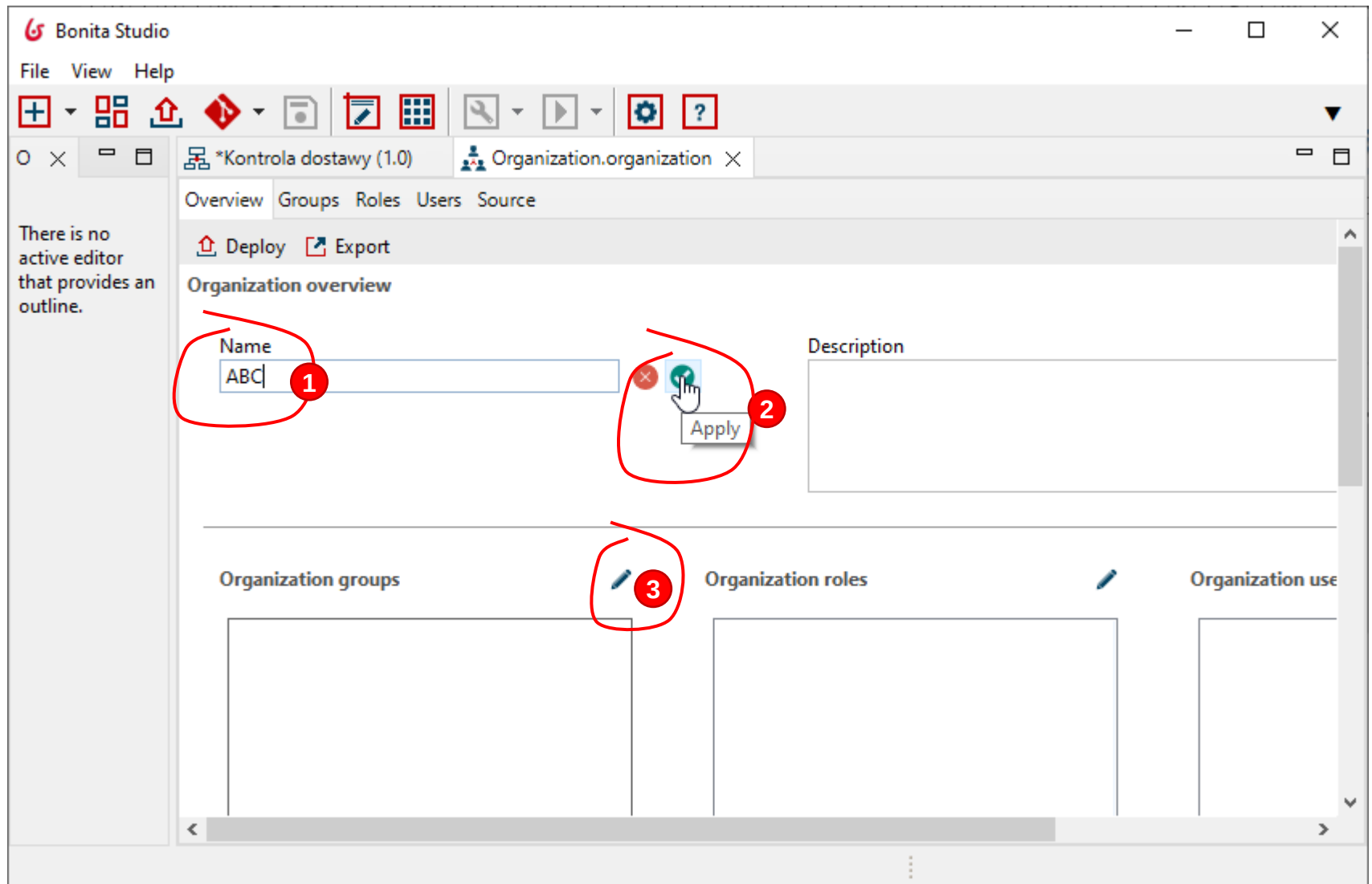
The screenshot displays the Bonita Studio interface. The top menu bar includes File, View, and Help. The toolbar contains icons for New, Overview, Deploy, Git, Save, UI Designer Applications, Configure, Run, Preferences, and Help. The left sidebar shows the project structure with a tree view. The 'Organizations' node is highlighted with a red circle and a red '1'. A context menu is open over the 'Organizations' node, with the 'New' option highlighted by a red circle and a red '2'. The main canvas shows a process diagram with two tasks: 'Rejestrowanie dostawy' and 'Kontrolowanie dostawy'. The bottom panel shows a table of elements and their descriptions.

S.	Element	Description
⚠	Kontrola dostawy::ABC::Magazynier::Rozładowywanie dostawy...	UI Designer form type is selected and n...
⚠	Kontrola dostawy::ABC::<FormMapping>	UI Designer form type is selected and n...
⚠	Kontrola dostawy::ABC::<FormMapping>	UI Designer form type is selected and n...
⚠	Kontrola dostawy::ABC::Asystent::Rejestrowanie dostawy::<For...	UI Designer form type is selected and n...
⚠	Kontrola dostawy::ABC::Asystent::Kontrolowanie dostawy::<Fo...	UI Designer form type is selected and n...
✗	Kontrola dostawy::ABC::Magazynier	No actor defined
✗	Kontrola dostawy::ABC::Magazynier::Rozładowywanie dostawy	No actor defined

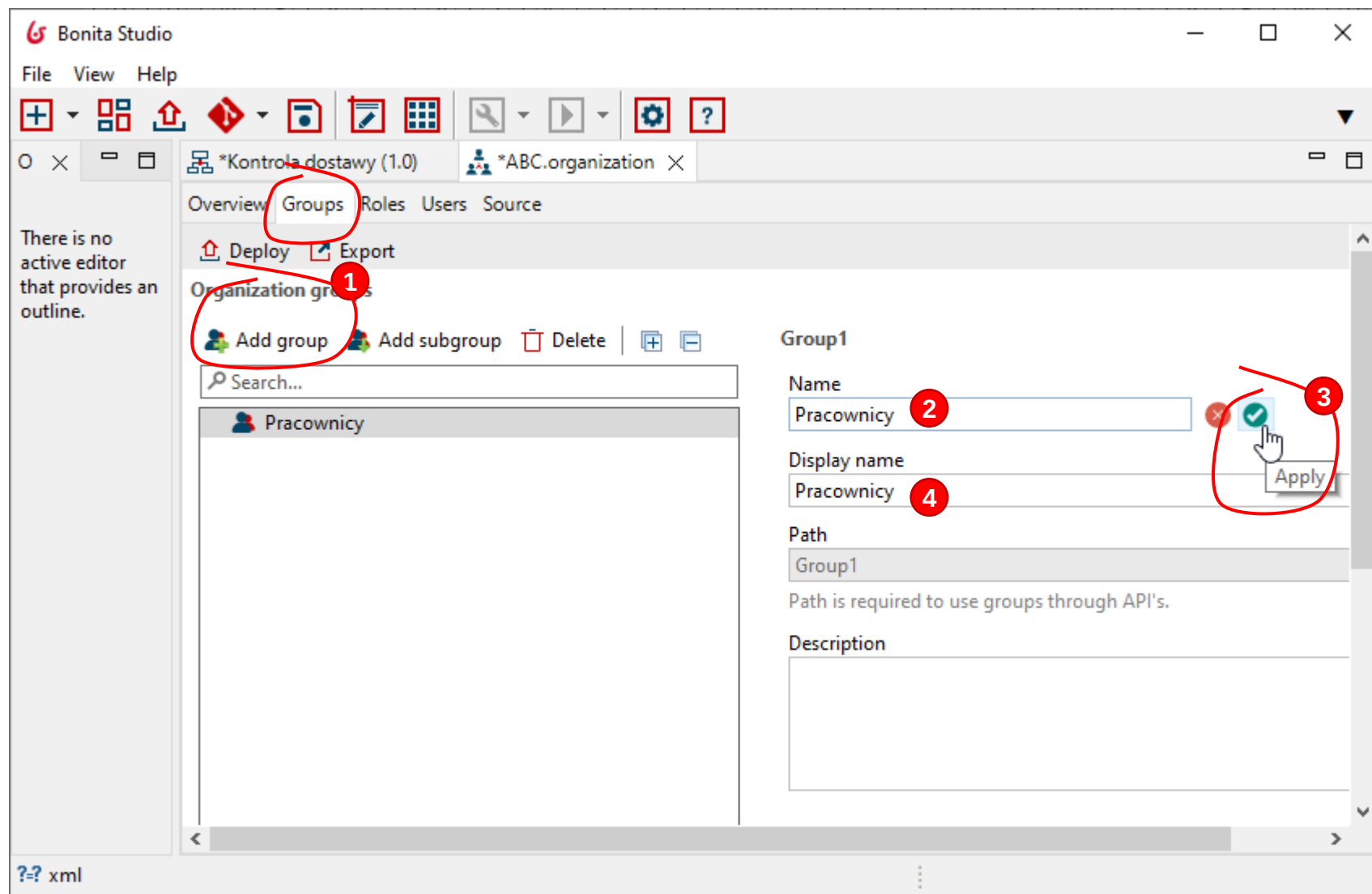
Struktura organizacyjna



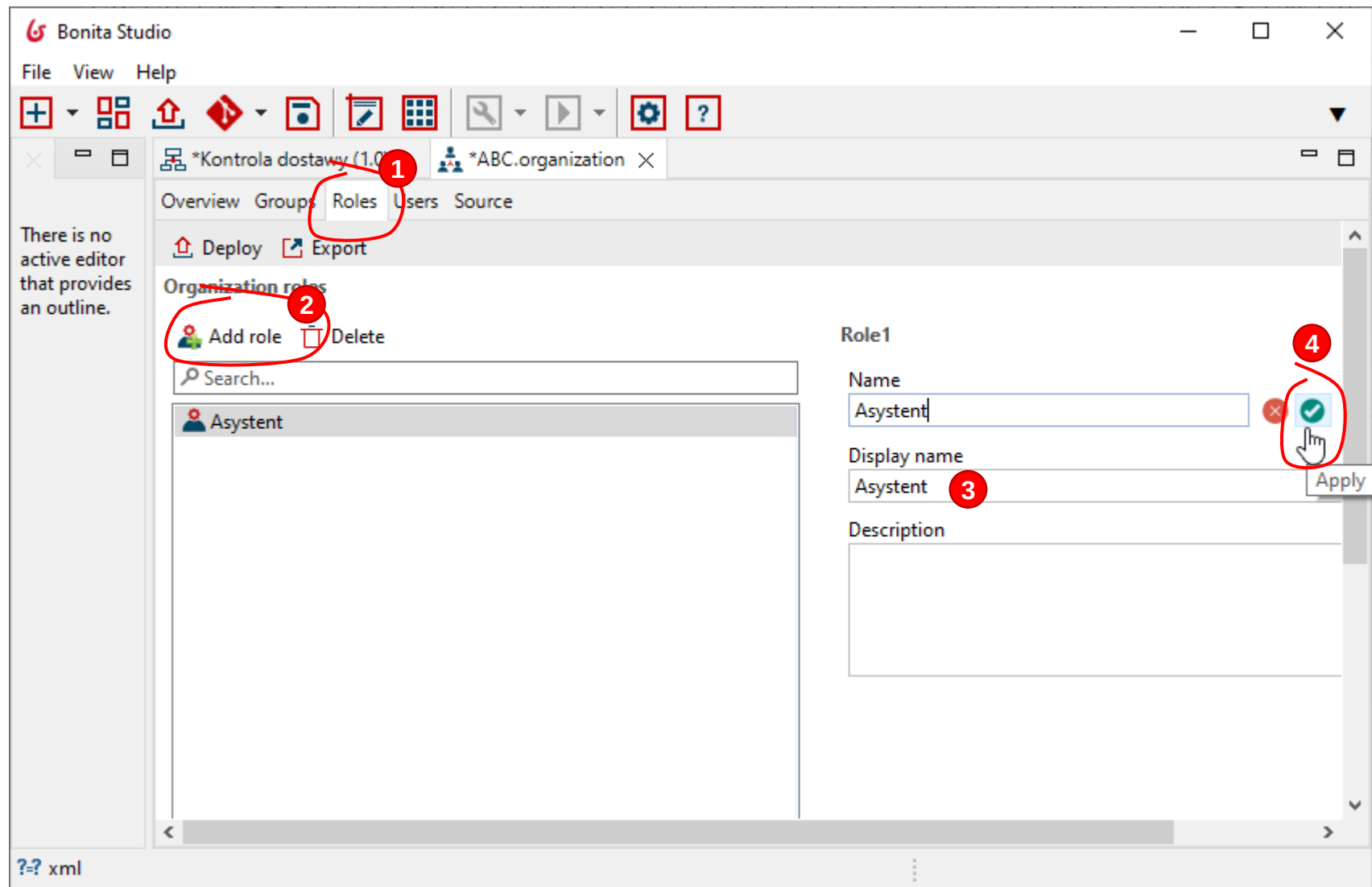
Struktura organizacyjna



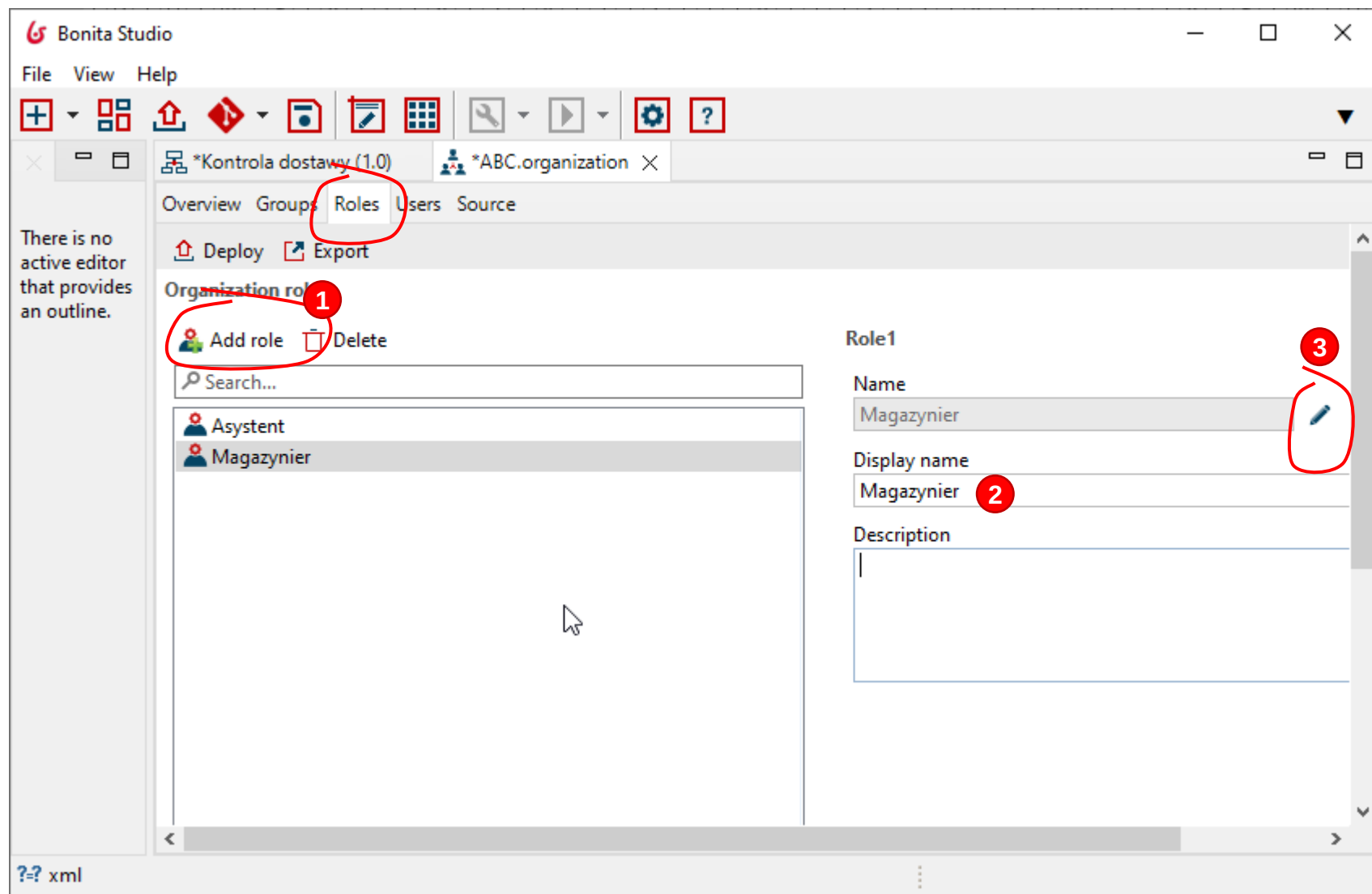
Struktura organizacyjna



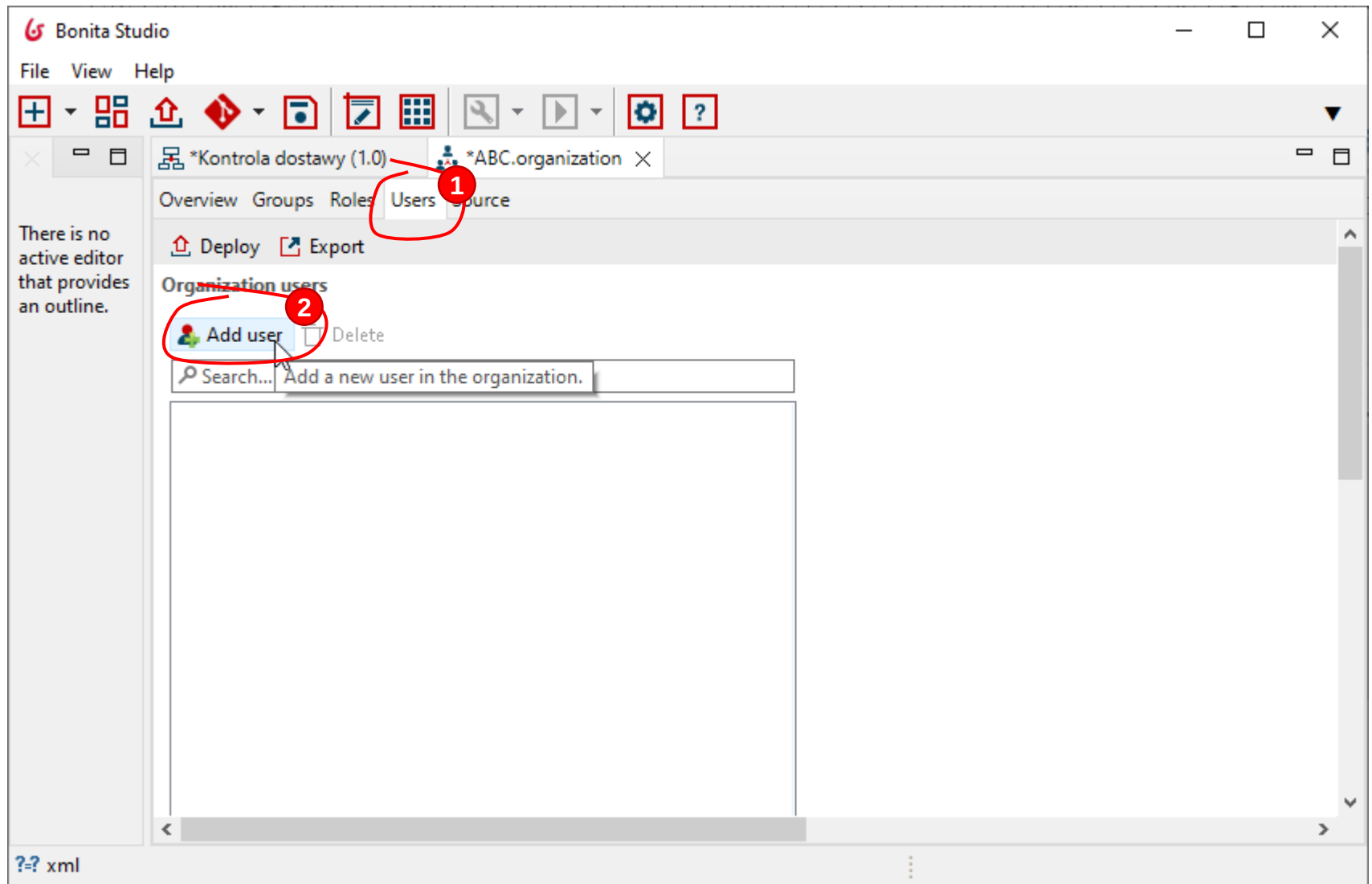
Struktura organizacyjna



Struktura organizacyjna



Struktura organizacyjna



Struktura organizacyjna

Bonita Studio

File View Help

Pr... x Ou... Overview *Kontrola dostawy (1.0) *ABC.organization x

Overview Groups Roles Users Source

31E-B

- Organizations
 - ABC.organization
 - ACME.organization
- Process diagrams
 - Kontrola dostawy-1.0
- Environments

Jan Kowalski

Username **1** jkowl **2**

Password bpm

First name **3** Jan Last name **4** Kowalski

Title Mr, Ms... Job title HR manager, Junior Sales...

Manager

Information

Professional contact Personal contact Custom

Memberships

Add Delete

Group /Pracownicy

Problems x

0 errors, 5 warnings, 0 others

Description

> ⚠ Warnings (5 items)

Struktura organizacyjna

Bonita Studio

File View Help

*Kontrola dostawy (1.0) *ABC.organization X

Overview Groups Roles Users Source

There is no active editor that provides an outline.

Memberships

+ Add - Delete

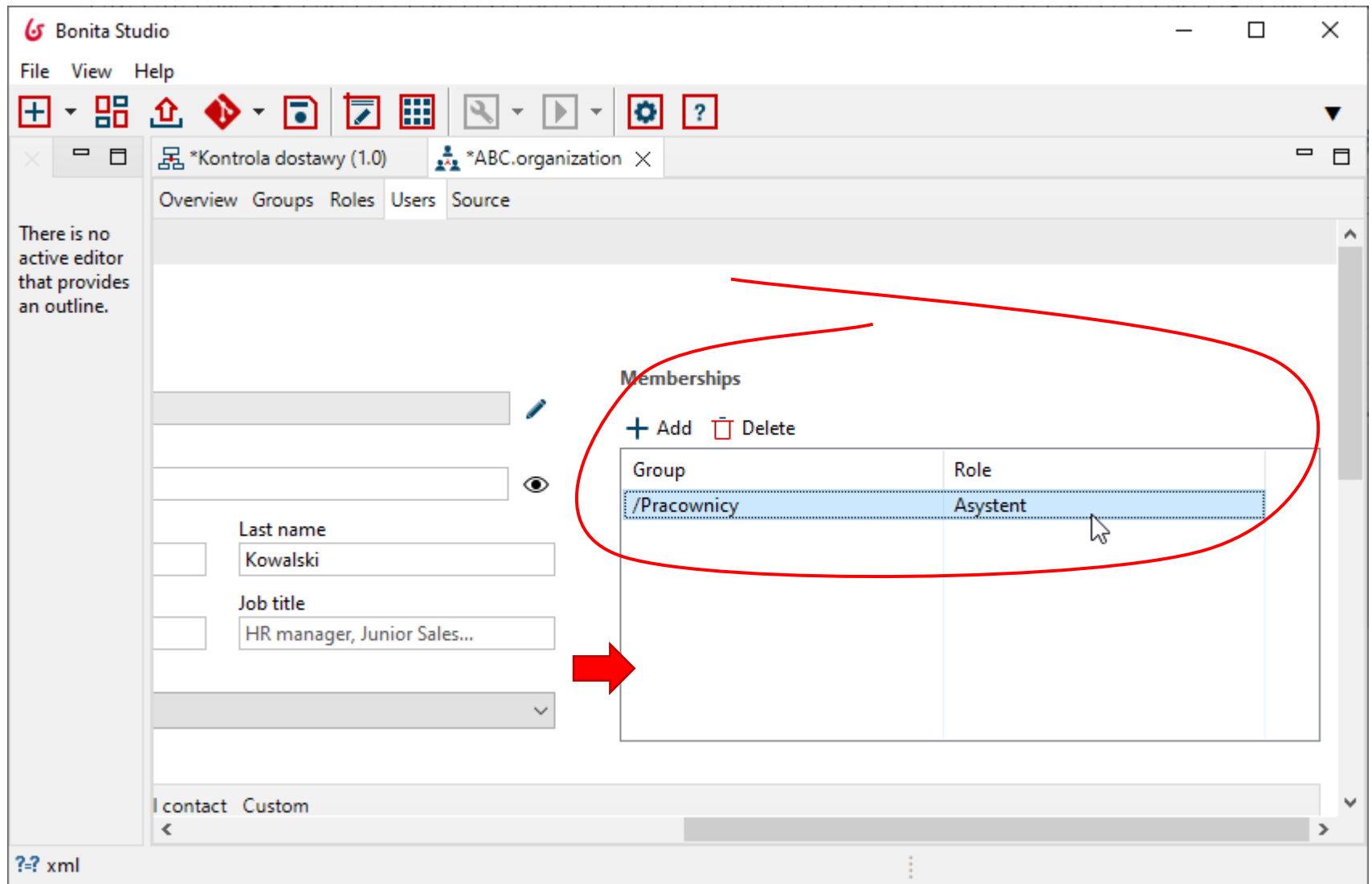
Group	Role
/Pracownicy	Asystent

Last name: Kowalski

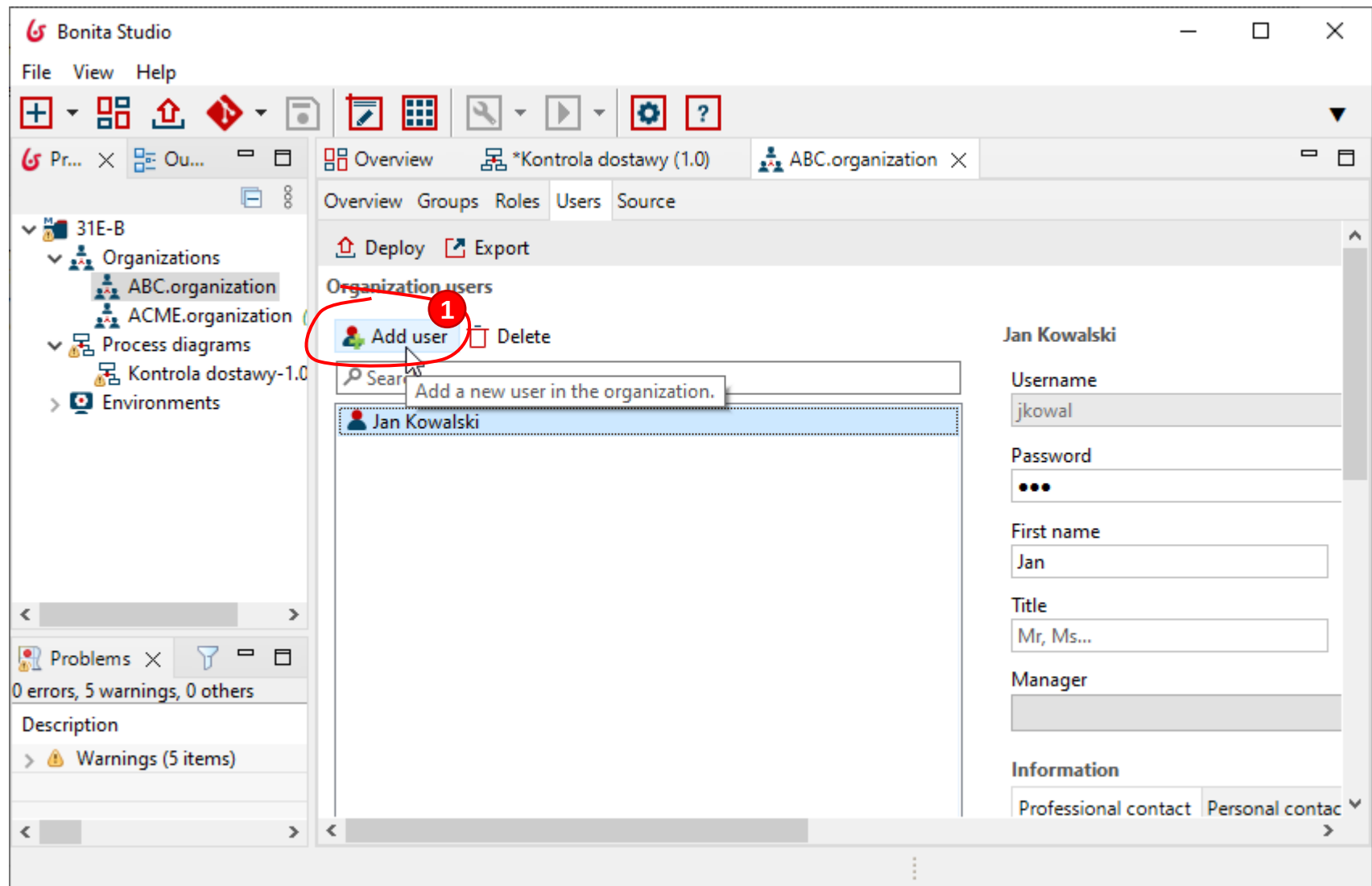
Job title: HR manager, Junior Sales...

contact Custom

xml



Struktura organizacyjna



Struktura organizacyjna

Bonita Studio

File View Help

Pr... x Ou... Overview *Kontrola dostawy (1.0) *ABC.organization x

Overview Groups Roles Users Source

31E-B

- Organizations
 - ABC.organization
 - ACME.organization
- Process diagrams
 - Kontrola dostawy-1.0
- Environments

Piotr Nowak

Username **1** pnowak **2** ☐ ☒ **3** **4**

Password bpm

First name Piotr **3** Last name Nowak **4**

Title Mr, Ms... Job title HR manager, Junior Sales...

Manager

Information

Professional contact Personal contact Custom

Memberships

+ Add - Delete

Group /Pracownicy

Problems x

0 errors, 5 warnings, 0 others

Description

> ⚠ Warnings (5 items)

Struktura organizacyjna

The screenshot shows the Bonita Studio interface with the 'Users' tab selected. The 'Memberships' table is highlighted with a red oval. A red arrow points to the table from the 'Users' tab.

Memberships

+ Add - Delete

Group	Role
/Pracownicy	Magazynier

Other visible elements in the interface include the left sidebar with 'Organizations' (ABC.organization, ACME.organization), 'Process diagrams' (Kontrola dostawy-1.0), and 'Environments'. The bottom status bar shows '0 errors, 5 warnings, 0 others'.

Struktura organizacyjna – deploy (wdrożenie)

The screenshot illustrates the deployment process in Bonita Studio. The main interface shows a project named '31E-B' with a tree view containing 'Organizations' (ABC.organization, ACME.organization), 'Process diagrams' (Kontrola dostawy-1.), and 'Environments'. A red arrow points from the text 'Ładowanie struktury organizacyjnej na silnik workflow' to the 'Deploy' button in the 'Organizations' section, which is marked with a red circle '1'.

Four dialog boxes are overlaid on the interface, each with a red circle indicating a step:

- Save Resource** (Step 2): A dialog asking if changes to 'ABC.organization' should be saved. The 'Save and deploy' button is highlighted with a red circle '2'.
- Deploy organization** (Step 3): A dialog titled 'Select an organization to deploy'. It prompts the user to select an organization and provides a 'Default username' field. The username 'walter.bates' is entered, marked with a red circle '3'. A red error message below the field states: 'User walter.bates does not exist in the current environment'.
- Deploy organization** (Step 4): A second instance of the 'Deploy organization' dialog, showing the 'Default username' field with the value 'jkowal' entered, marked with a red circle '4'.
- Deploy information** (Step 5): A final dialog titled 'Deploy information' showing a success message: 'Organization ABC has been deployed successfully'. The 'OK' button is highlighted with a red circle '5'.

Red text at the bottom left of the main interface reads: **Ładowanie struktury organizacyjnej na silnik workflow**.

Bonita Studio

Konfiguracja procesu

Mapowanie wykonawców na silniku workflow

Bonita Studio

File View Help

Overview: Configure the selected process for the active environment.

Palette

Swimlanes

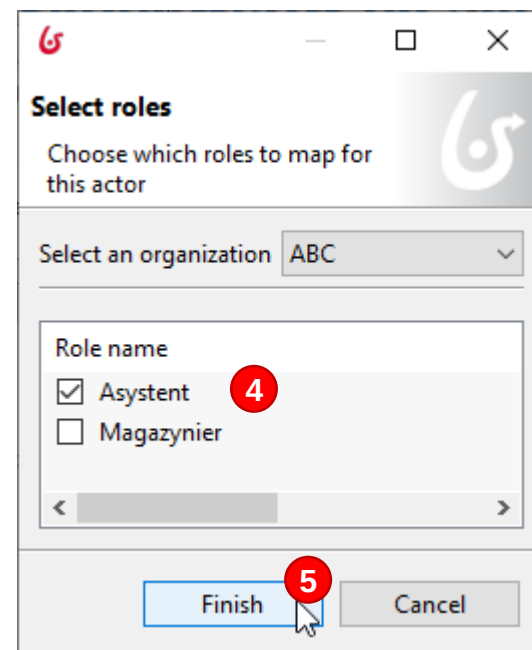
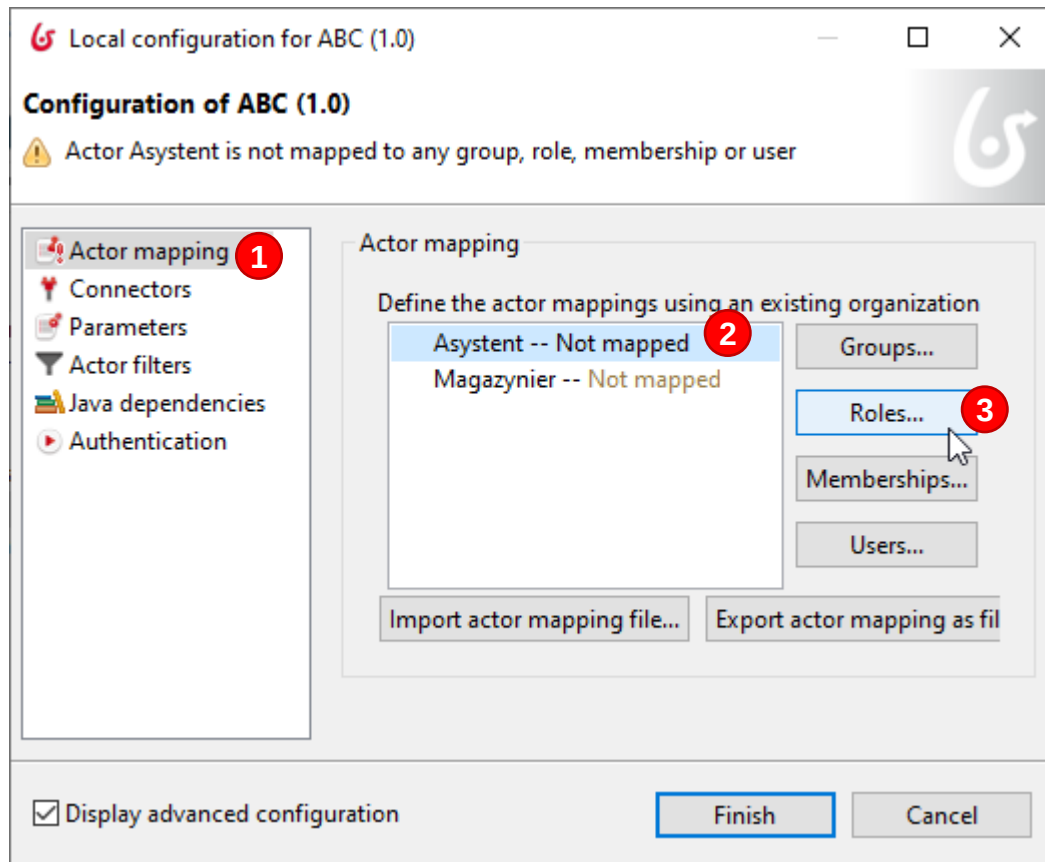
Gateways

General Data Execution Appearance ☒ Validation status Minimap

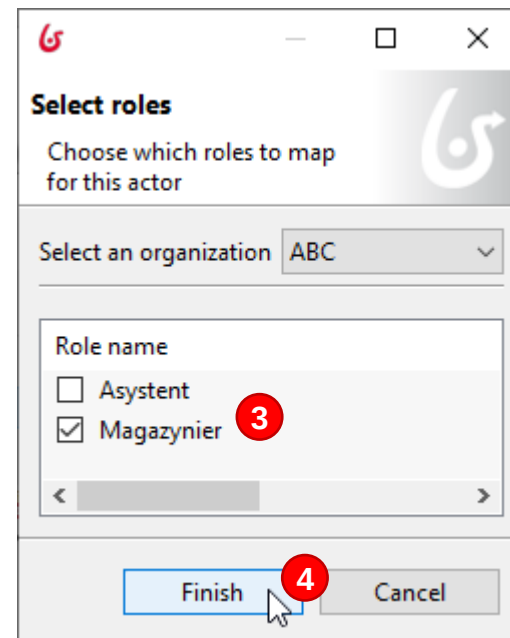
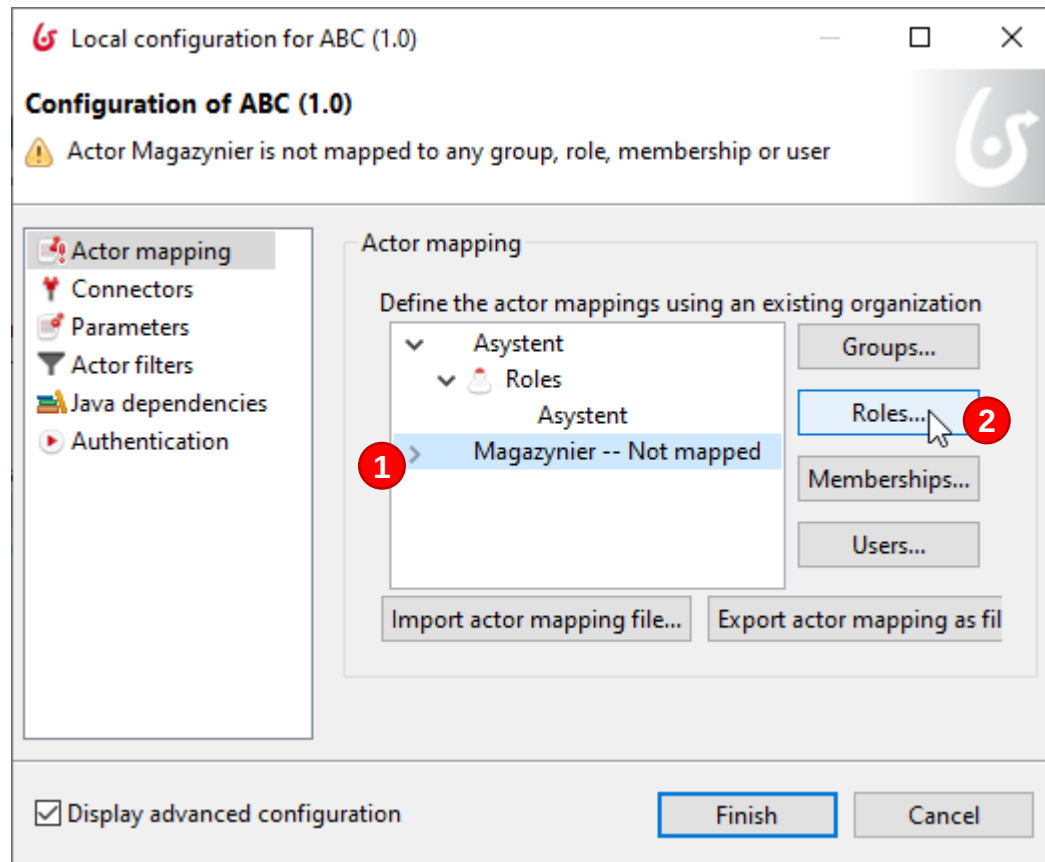
Refresh

Se...	Element	Description
⚠	Kontrola dostawy::ABC::Asyste...	UI Designer form type is selected and no target form is defined for entry fo...
⚠	Kontrola dostawy::ABC::Asyste...	UI Designer form type is selected and no target form is defined for entry fo...
⚠	Kontrola dostawy::ABC::Magaz...	UI Designer form type is selected and no target form is defined for entry fo...
⚠	Kontrola dostawy::ABC::<Form...	UI Designer form type is selected and no target form is defined for instanti...
⚠	Kontrola dostawy::ABC::<Form...	UI Designer form type is selected and no target form is defined for overvie...

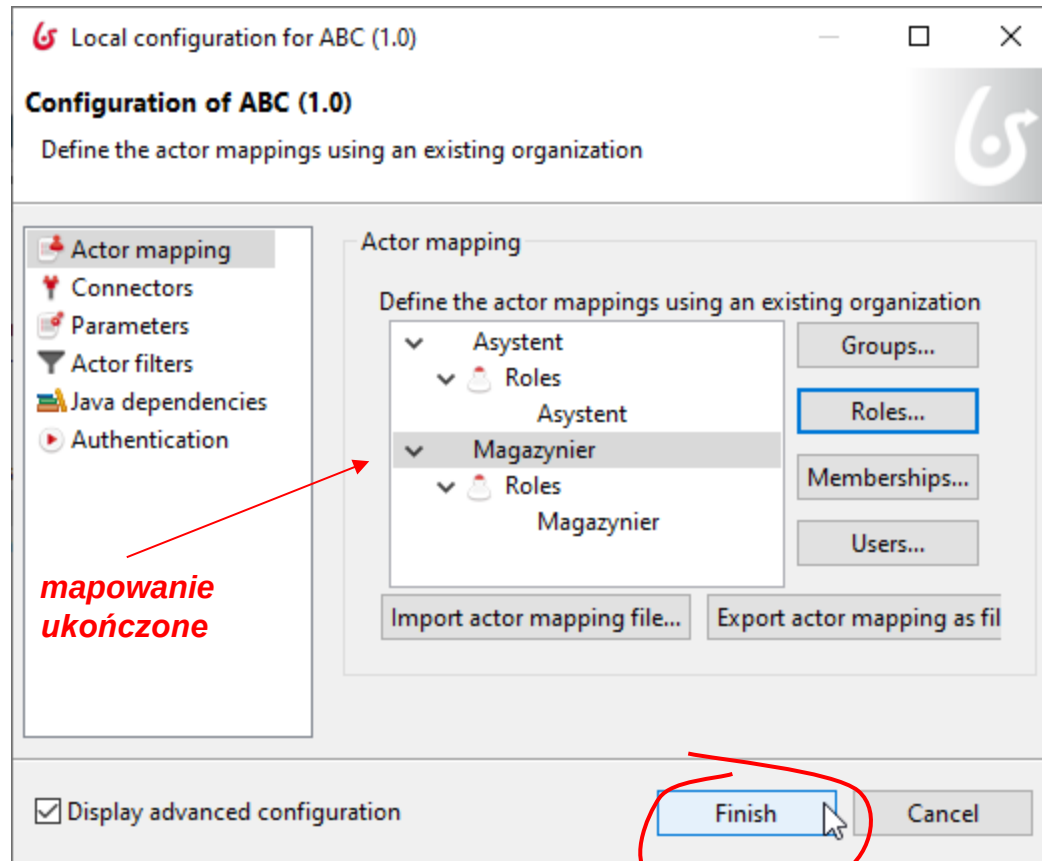
Mapowanie wykonawców na silniku workflow



Mapowanie wykonawców na silniku workflow



Mapowanie wykonawców na silniku workflow



Proces – deploy (wdrożenie)

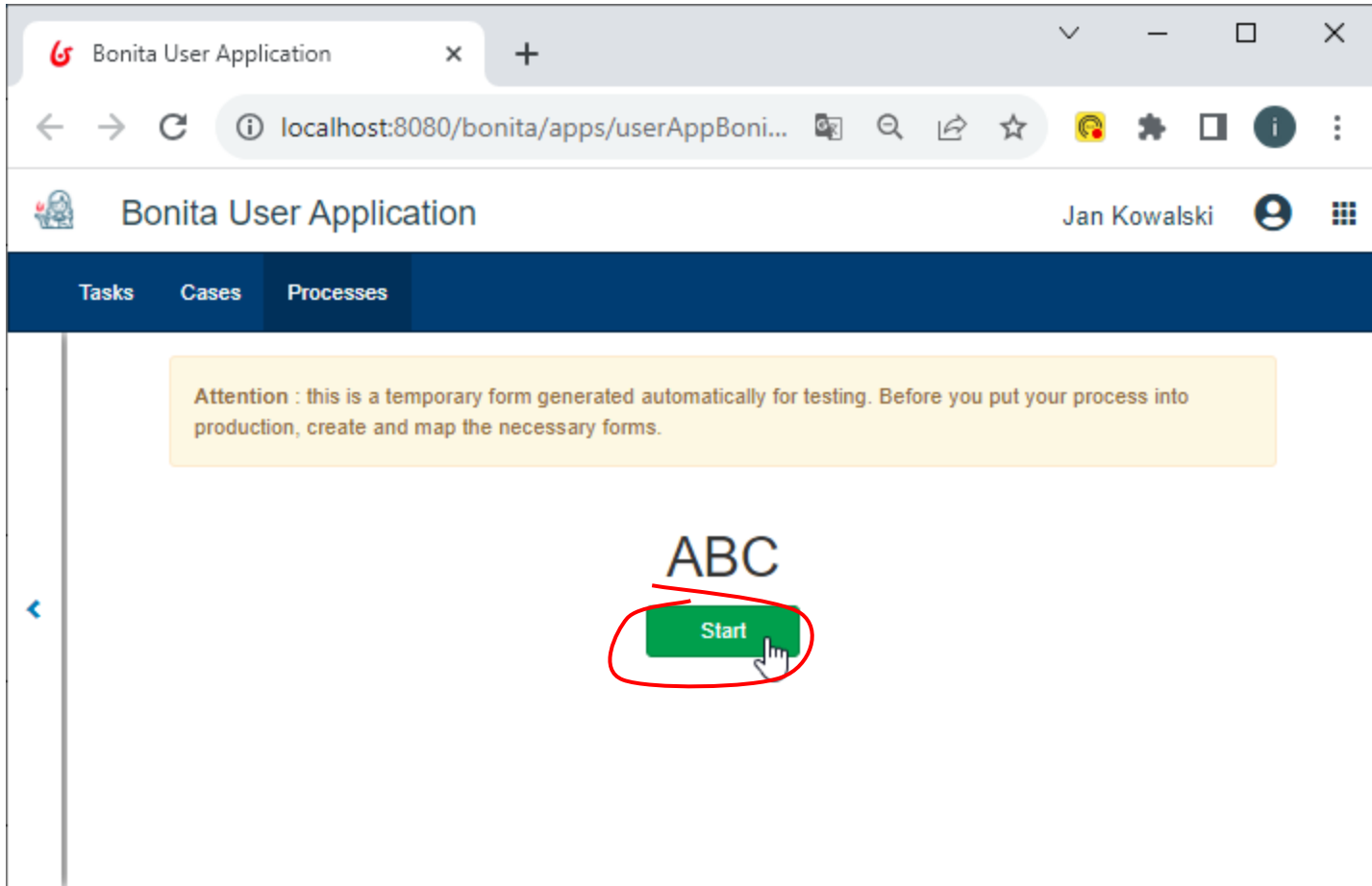
The screenshot shows the Bonita Studio interface. The top toolbar contains several icons, with the 'Deploy' icon (a blue square with a white play button) circled in red. Below the toolbar, the main canvas displays a process diagram. The diagram starts with a green circle labeled 'Dostawa dotarła', followed by a task labeled 'Rejestrowanie dostawy', and then another task labeled 'Kontrolowanie dostawy'. The bottom panel shows a table of elements with warnings.

Se...	Element	Description
⚠	Kontrola dostawy::ABC::Asyste...	UI Designer form type is selected and no target form is defined for entry fo...
⚠	Kontrola dostawy::ABC::Asyste...	UI Designer form type is selected and no target form is defined for entry fo...
⚠	Kontrola dostawy::ABC::Magaz...	UI Designer form type is selected and no target form is defined for entry fo...
⚠	Kontrola dostawy::ABC::<Form...	UI Designer form type is selected and no target form is defined for instanti...
⚠	Kontrola dostawy::ABC::<Form...	UI Designer form type is selected and no target form is defined for overvie...

Bonita Portal

Proces wersja 1

Bonita Portal



Bonita Portal

The screenshot shows the Bonita User Application interface. The browser address bar indicates the URL is `localhost:8080/bonita/apps/userAppBonita/task-list/`. The user is logged in as Jan Kowalski, indicated by the username in the top right corner (marked with a red circle and '1').

The interface has a dark blue header with tabs for 'Tasks', 'Cases', and 'Processes'. The 'Tasks' tab is active. On the left, there is a sidebar with 'To do' (marked with a red circle and '2'), 'My tasks', and 'Done tasks' sections. The main area displays a 'Task list' table with columns for 'Task name', 'Process name', and 'Due date'. A task named 'Rejestrowanie dostawy' (marked with a red circle and '3') is listed under the 'To do' section. The task is associated with the process 'ABC'. Below the task list, there is a green 'Execute' button (marked with a red circle and '4').

On the right side of the interface, there is a yellow warning box that reads: 'Attention : this is a temporary form generated automatically for testing. Before you put your process into production, create and map the necessary forms.' Below this, the title 'Rejestrowanie dostawy' is displayed, followed by the 'Execute' button.

lista zadań, które może wykonać Kowalski

Bonita Portal

The screenshot shows a web browser window with the title "Bonita User Application". The address bar displays "localhost:8080/bonita/apps/userAppBonita/task-list/". The page header includes the application name "Bonita User Application" and the user name "Jan Kowalski". The main navigation bar has tabs for "Tasks", "Cases", and "Processes". The "Tasks" tab is active, showing a sidebar with "To do", "My tasks", and "Done tasks". The main content area is divided into a "Filters" section and a "Task list" section. The "Filters" section includes a "Process" dropdown set to "All", a "Case" input field with "Case ID", and a search bar labeled "Search..." with a magnifying glass icon and the text "In task name column". The "Task list" section has a refresh icon and a single task entry "All done. Good job!" which is circled in red. To the right of the task list, there is a large text area that says "This is the task details panel. No information to display".

Bonita User Application

Jan Kowalski

Tasks Cases Processes

Filters

Process All Case Case ID

Search... In task name column

Task list

All done. Good job!

This is the task details panel. No information to display

Bonita Portal

The screenshot displays the Bonita User Application interface. The browser address bar shows the URL `localhost:8080/bonita/apps/userAppBonita/task-list/`. The application header includes the title "Bonita User Application" and the user name "Jan Kowalski". The main navigation bar has tabs for "Tasks", "Cases", and "Processes". The "Tasks" tab is active, showing a sidebar with "To do", "My tasks", and "Done tasks". The main content area displays a "Task list" with a search bar and a table of tasks. The table has columns for "Task name", "Process name", and "Due date". The first task is "Kontrolowanie dostawy" with process name "ABC". A red circle with the number 2 highlights the task row. A red circle with the number 3 highlights the "Take" button. A red circle with the number 1 highlights the "Task list" header. On the right, a form titled "Kontrolowanie dostawy" is shown with a yellow warning message: "Attention : this is a temporary form generated automatically for testing. Before you put your process into production, create and map the necessary forms." A red circle with the number 4 highlights the "Execute" button.

Bonita User Application

Jan Kowalski

Tasks Cases Processes

Case ID

Search... In task name column

Task list

Take Release 1 - 1 / 1

Task name	Process name	Due date
Kontrolowanie dostawy	ABC	-

1 - 1 / 1

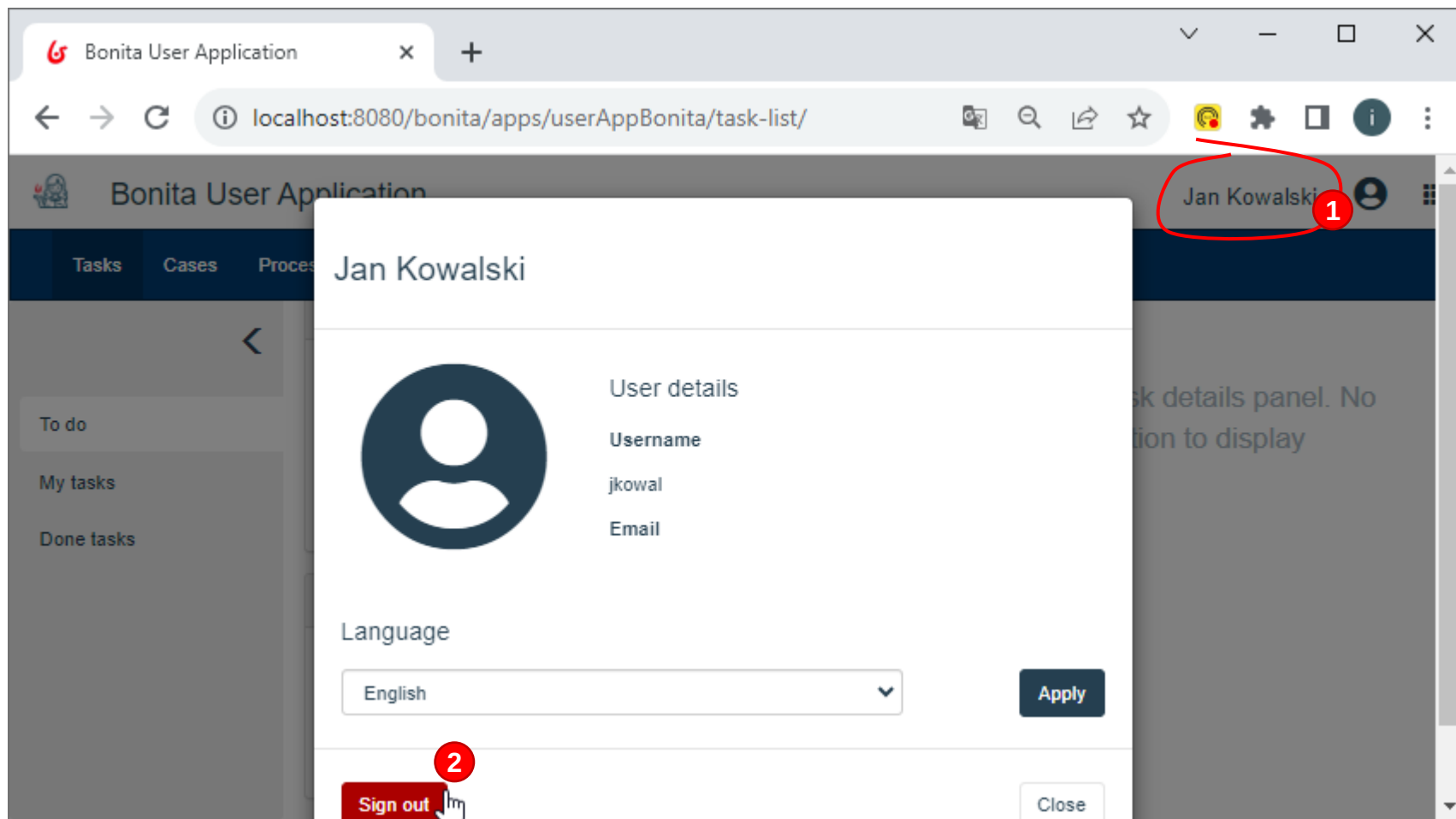
Form Comments Overview

Attention : this is a temporary form generated automatically for testing. Before you put your process into production, create and map the necessary forms.

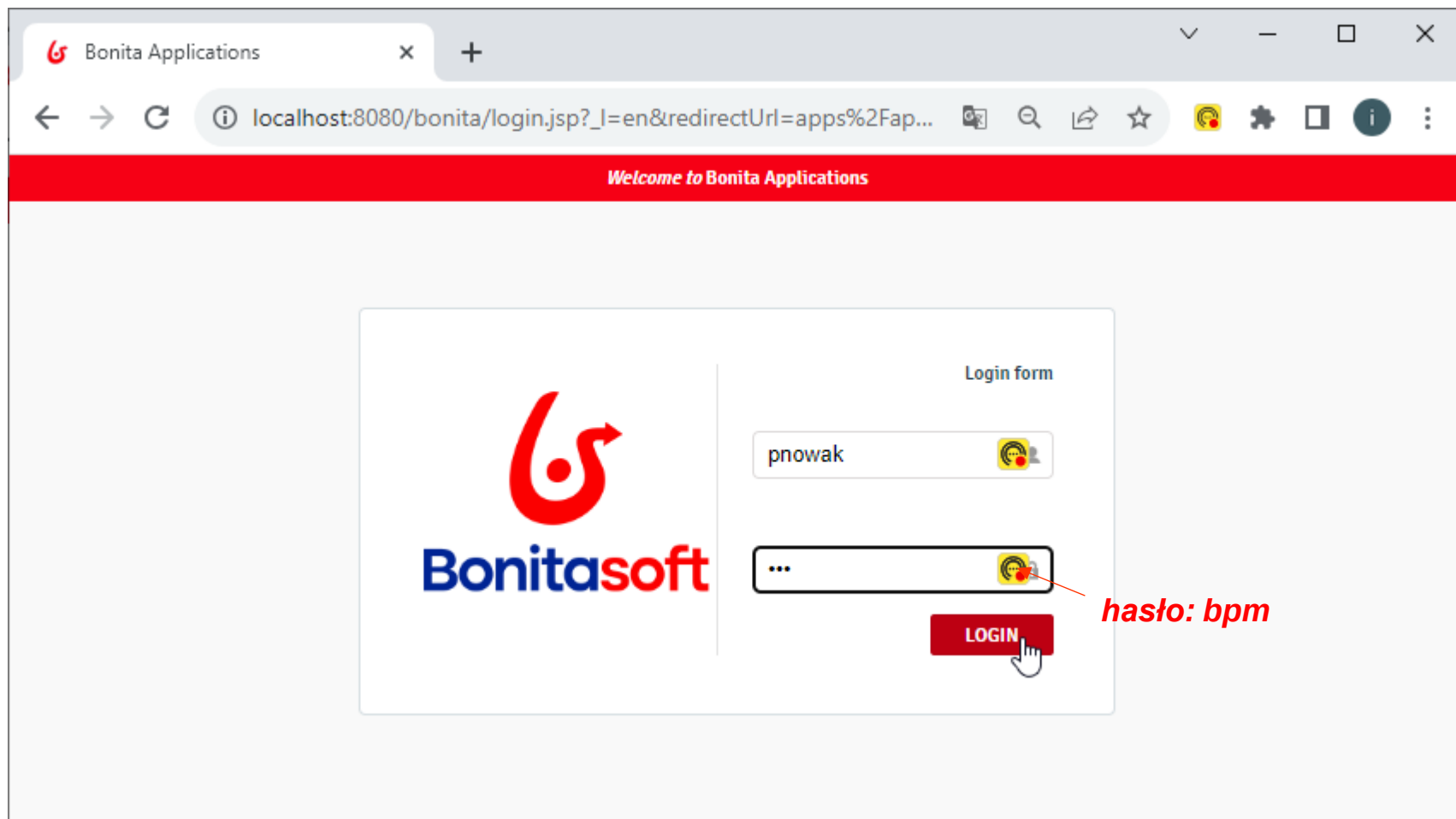
Kontrolowanie dostawy

Execute

Bonita Portal



Bonita Portal



Bonita Portal

Bonita Application Directory

localhost:8080/bonita/apps/appDirectoryBonita/home/?_l=en

Application list

Piotr Nowak

This is your catalog of applications; hover to get a description, click to access.

Search by application name, display n:



Bonita Administrator ...



Bonita User Application

Load more applications

Bonita Portal

The screenshot displays the Bonita User Application interface in a web browser. The browser tab is labeled 'Bonita User Application' and the address bar shows 'localhost:8080/bonita/apps/userAppBonita/task-list/'. The application header includes the Bonita logo, the title 'Bonita User Application', and the user name 'Piotr Nowak'. Below the header, there are tabs for 'Tasks', 'Cases', and 'Processes'. The 'Tasks' tab is active, showing a sidebar with 'To do' (1), 'My tasks', and 'Done tasks'. The main area displays a 'Task list' with a search bar and a table of tasks. The first task, 'Rozładowywanie dostawy', is highlighted. A red circle with the number 1 is around the 'Task list' header, a red circle with the number 2 is around the task row, a red circle with the number 3 is around the 'Take' button, and a red circle with the number 4 is around the 'Execute' button in the form. The form is titled 'Rozładowywanie dostawy' and has a yellow warning box that reads: 'Attention : this is a temporary form generated automatically for testing. Before you put your process into production, create and map the necessary forms.'

Bonita User Application

Piotr Nowak

Tasks Cases Processes

Search...
In task name column

To do 1

My tasks

Done tasks

Task list 1

Take 3 Release 1 - 1 / 1

2

Process name Due date

Task name

Rozładowywanie dostawy ABC -

1 - 1 / 1

Form Comments Overview

Attention : this is a temporary form generated automatically for testing. Before you put your process into production, create and map the necessary forms.

Rozładowywanie dostawy

Execute 4

Bonita Portal

The screenshot displays the Bonita User Application interface in a web browser. The browser's address bar shows the URL `localhost:8080/bonita/apps/userAppBonita/task-list/`. The application header includes the title "Bonita User Application" and the user name "Piotr Nowak". A navigation bar at the top contains three tabs: "Tasks", "Cases", and "Processes". The "Tasks" tab is selected and highlighted with a red circle and a hand cursor icon. Below the navigation bar, the left sidebar shows a list of task categories: "To do", "My tasks", and "Done tasks". The main content area is divided into two sections. The top section, titled "Filters", contains a "Process" dropdown menu set to "All", a "Case" input field with "Case ID" entered, and a search bar with the placeholder text "Search..." and a magnifying glass icon. Below the search bar, it says "In task name column". The bottom section, titled "Task list", is circled in red and contains a message that says "All done. Good job!". To the right of the task list, there is a text box that says "This is the task details panel. No information to display".

Bonita User Application

Piotr Nowak

Tasks Cases Processes

zadania

To do

My tasks

Done tasks

Filters

Process All Case

Case ID

Search...

In task name column

Task list

All done. Good job!

This is the task details panel. No information to display

Bonita Portal

Bonita User Application

Tasks **Cases** Processes

Case list

procesy (bieżące i archiwalne)

Open cases Archived cases

All processes (all versio) Sort by Process name or search ke! Started by me

lista procesów

Case ID (original)	Process name (version)	Started by	Start date	End date	View details
1	ABC (1.0)	Jan Kowalski	10/28/23 3:55 PM	10/28/23 4:10 PM	

podgląd procesu Cases shown: 1 of 1

Bonita Portal

The screenshot displays the Bonita User Application interface in a web browser. The browser's address bar shows the URL `localhost:8080/bonita/apps/userAppBonita/case-details/?id=1`. The application header includes the Bonita logo, the title "Bonita User Application", and the user name "Piotr Nowak". A navigation bar at the top contains tabs for "Tasks", "Cases", and "Processes".

The main content area shows the details for "Case ID: 1". A "Back" button is located at the top left of the case details. The case has "No description". Under the "General" section, the following information is displayed:

General	
Process name (version)	ABC (1.0)
Started by	Jan Kowalski
Started on	10/28/23 3:55 PM
State	Completed
Last updated	10/28/23 4:10 PM

At the bottom of the case details, there is a "Comments" section. A red circle highlights the "Overview" button in the top right corner of the case details area. Red arrows point to the "Case ID: 1" and the "No description" text.

localhost:8080/bonita/portal/form/processInstance/1?app=userAppBonita

**Proces ABC wersja 1.0
uruchomiony przez Kowalskiego
Status: zakończony**

Bonita Portal

The screenshot displays the Bonita User Application interface in a web browser. The browser's address bar shows the URL `localhost:8080/bonita/apps/userAppBonita/case-details/?id=1`. The application header includes the title "Bonita User Application" and the user name "Piotr Nowak". Below the header, there are tabs for "Tasks", "Cases", and "Processes". The main content area is divided into two sections: "Documents" and "Timeline". The "Documents" section indicates "No documents available". The "Timeline" section shows a vertical sequence of events, each with a green checkmark icon. The events are: "Case started" (Oct 26, 2023 3:55:55 PM, Started by Jan Kowalski), "Rejestrowanie dostawy" (Oct 26, 2023 4:01:02 PM, Executed by Jan Kowalski), "Kontrolowanie dostawy" (Oct 26, 2023 4:04:43 PM, Executed by Jan Kowalski), and "Rozładowywanie dostawy" (Oct 26, 2023 4:10:35 PM, Executed by Piotr Nowak). Red arrows point to each event with labels: "początek procesu" for "Case started", "zadanie nr 1" for "Rejestrowanie dostawy", "zadanie nr 2" for "Kontrolowanie dostawy", and "zadanie nr 3" for "Rozładowywanie dostawy".

Bonita User Application

localhost:8080/bonita/apps/userAppBonita/case-details/?id=1

Bonita User Application

Piotr Nowak

Tasks Cases Processes

Documents

No documents available

Timeline

Rozładowywanie dostawy ← **zadanie nr 3**

Oct 26, 2023 4:10:35 PM
Executed by Piotr Nowak

Kontrolowanie dostawy ← **zadanie nr 2**

Oct 26, 2023 4:04:43 PM
Executed by Jan Kowalski

Rejestrowanie dostawy ← **zadanie nr 1**

Oct 26, 2023 4:01:02 PM
Executed by Jan Kowalski

Case started ← **początek procesu**

Oct 26, 2023 3:55:55 PM
Started by Jan Kowalski

Bonita BDM

Business Data Model

Business Data Model

BDM (Business Data Model) to model danych biznesowych, który zawiera informacje które są współużywalne przez procesy i aplikacje. Model ten składa się ze zbioru **obiektów biznesowych** (business objects).

Odpowiednie **obiekty biznesowe** muszą być specyfikowane na etapie definiowania diagramu procesu. Z chwilą uruchomienia nowej instancji procesu tworzone są wyspecyfikowane obiekty biznesowe, które stają zmiennymi dostępnymi dla utworzonej instancji procesu.

W ramach danej instancji procesu Bonita operuje na zmiennych:

- **biznesowych** (Business variables)

zmienne automatycznie składowane są w bazie danych (Bonita pracuje na wbudowanej bazie danych H2), dane tego typu mogą istnieć poza instancjami procesu i może z nich korzystać wiele procesów

- **procesowych** (Process variables)

które mogą być używane globalnie na poziomie danej instancji procesu lub lokalnie na poziomie konkretnej czynności, są usuwane z chwilą zakończenia danej instancji procesu

Business Data Model

The screenshot shows the Bonita Studio interface. The top menu bar includes File, View, and Help. The left sidebar contains a list of project elements: Process diagram, Business Data Model (highlighted with a red circle and a red '2'), Organization, Application page, Layout, Fragment, Custom widget, REST API Extension..., Application descriptor, and Extensions. The main workspace displays a process diagram titled '*Kontrola dostawy (1.0)'. The diagram shows a flow starting from a green circle labeled 'Dostawa dotarła' to a task labeled 'Rejestrowanie dostawy', which then flows to another task labeled 'Kontrolowanie dostawy'. The diagram is divided into swimlanes labeled 'Asystent' and 'ABC'. Below the diagram, there is a table for 'Actors' with columns for Name and Description. The table lists 'Asystent' and 'Magazynier'. A note at the bottom states: 'Note: when no initiator is set, the process can only be started programmatically'.

Bonita Studio

File View Help

Process diagram

Business Data Model

Organization

Application page

Layout

Fragment

Custom widget

REST API Extension...

Application descriptor

Extensions

*Kontrola dostawy (1.0) Overview

Palette

Swimlanes

Gateways

Asystent

Dostawa dotarła

Rejestrowanie dostawy

Kontrolowanie dostawy

ABC

General Data Execution Appearance Validation status Minimap

ABC

Pool

Actors

Search keys

Add

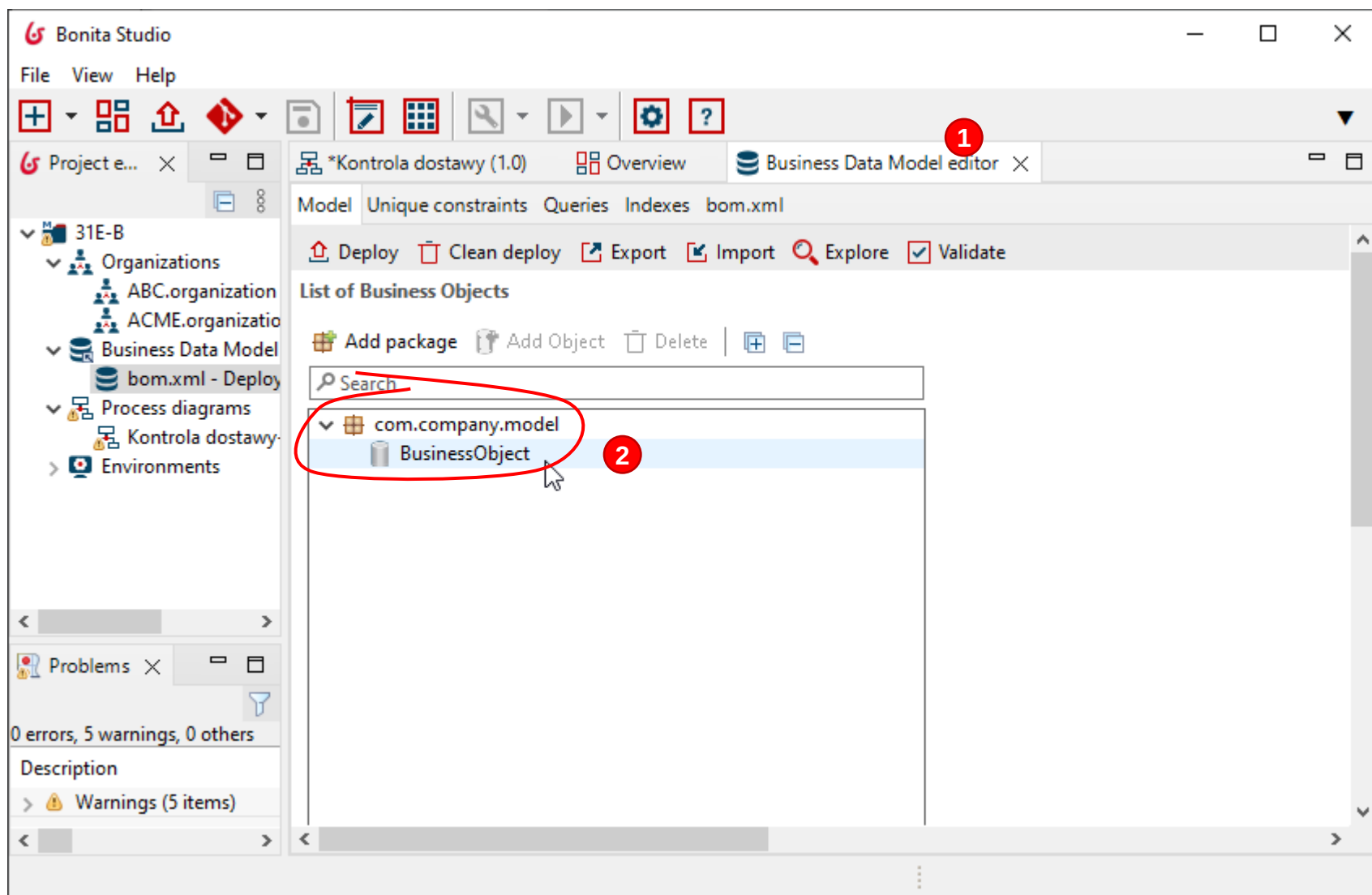
Set as initiator

Delete

Name	Description
Asystent	
Magazynier	

Note: when no initiator is set, the process can only be started programmatically

Business Data Model



Business Data Model

The screenshot displays the Bonita Studio interface for editing a Business Data Model. The main window is titled '*Business Data Model editor' and shows a project named '31E-B'. The left sidebar contains a tree view with the following structure:

- 31E-B
 - Organizations
 - ABC.organization
 - ACME.organization
 - Business Data Model
 - bom.xml - Deploy
 - Process diagrams
 - Kontrola dostawy
 - Environments

The central pane, titled 'List of Business Objects', shows a search bar and a list of objects. The object 'Dostawa' is highlighted with a red circle. The right pane, titled 'BusinessObject', shows the 'Description' and 'Attributes' sections. The 'Attributes' section includes a table with the following data:

Name
attribute

The bottom status bar indicates '0 errors, 5 warnings, 0 others' and provides a link to view the warnings.

Business Data Model

Bonita Studio

File View Help

+ [Icons] [Gear] [Question Mark]

*Kontrola dostawy (1.0) Overview *Business Data Model editor

Model Unique constraints Queries Indexes bom.xml

Dostawa

Attributes

+ Add ↑ Up ↓ Down [X] Delete Search

Name	Type	Multiple	Mandatory
id	STRING	☐	☐
dostawca	STRING	☐	☐
data_dostawy	DATE ONI	☐	☐
opis	STRING	☐	☐
partia	INTEGER	☐	☐
proba	INTEGER	☐	☐
dopuszczalna	INTEGER	☐	☐
niezgodnych	INTEGER	☐	☐
status	STRING	☐	☐

▼ Details

0 errors, 5 warnings

Description

> ⚠ Warning

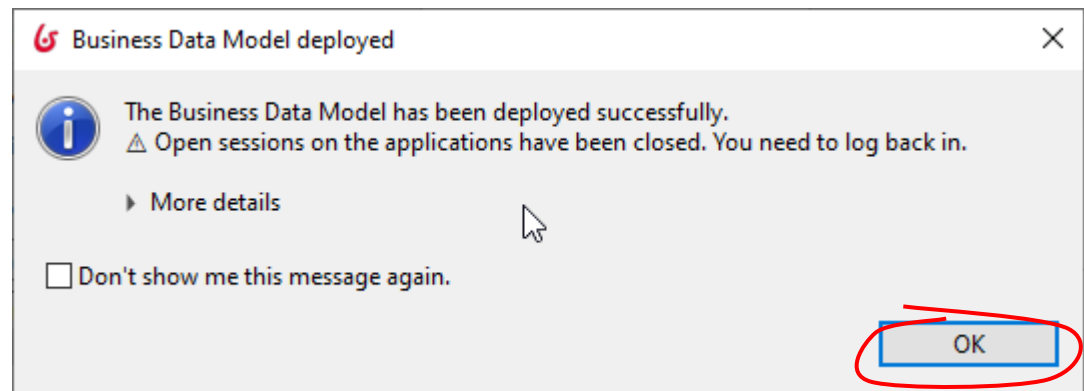
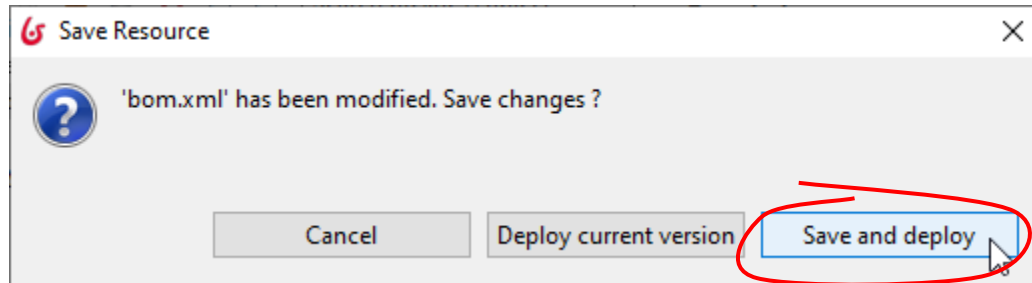
Business Data Model – deploy (wdrożenie)

The screenshot shows the Bonita Studio interface with the Business Data Model editor open. The 'Deploy' button is highlighted with a red circle. A tooltip is visible over the 'Deploy' button, stating: 'Deploy the current version of the BDM in the Engine. bdm-client and bdm-dao jar are generated. The bdm-client maven dependency in the project is updated according to the group id.'

The interface includes a menu bar (File, View, Help), a toolbar with various icons, and a sidebar with a tree view showing the project structure. The main area displays the 'List of Business Data Models' with a search bar and a list of models. The 'Attributes' section on the right shows a table of attributes for the selected model.

Name	Type	Multiple	Mandatory
id	STRING	☐	☐
dostawca	STRING	☐	☐
data_dostawy	DATE ONI	☐	☐
opis	STRING	☐	☐
partia	INTEGER	☐	☐

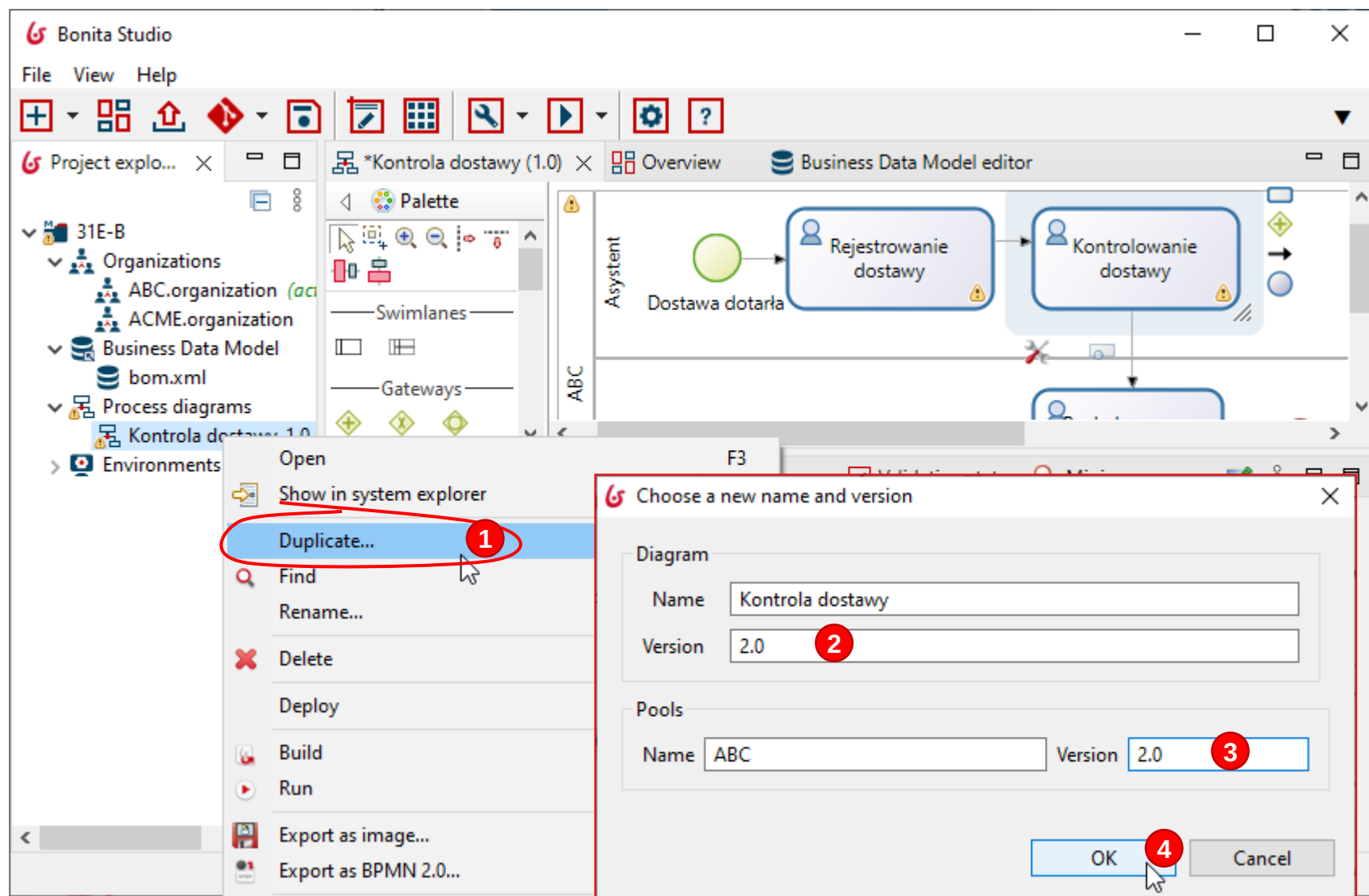
Business Data Model – deploy (wdrożenie)



Bonita Studio

Proces wersja 2

Bonita – dublowanie diagramu

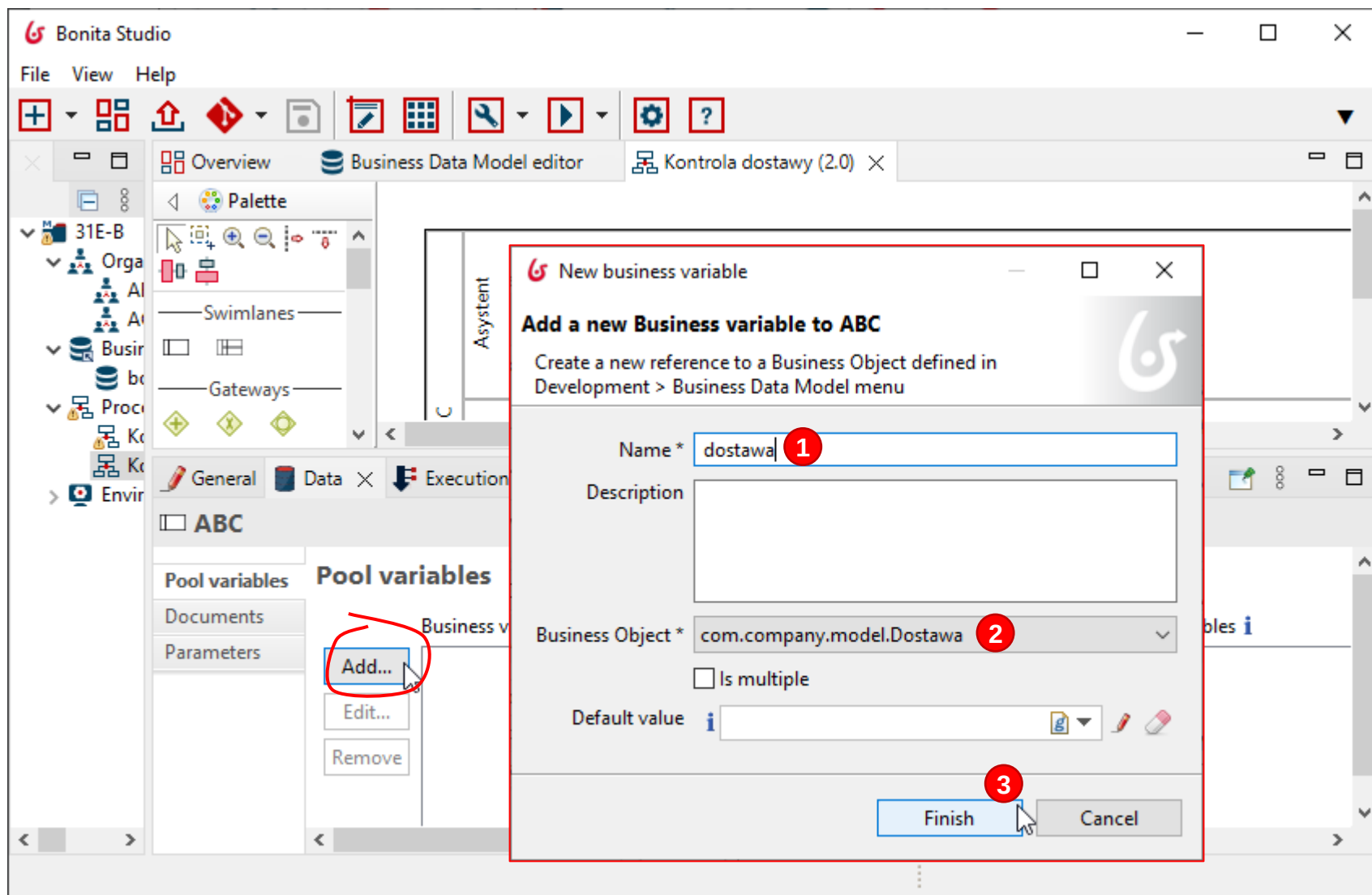


Bonita – zmienne biznesowe i procesowe

The screenshot displays the Bonita Studio interface. The main workspace shows a BPMN diagram for a process named 'Kontrola dostawy (2.0)'. The diagram includes a start event 'Dostawa dotarła', a task 'Rejestrowanie dostawy', and another task 'Kontrolowanie dostawy'. The left sidebar contains a project tree with folders like '31E-B', 'Orga', 'Al', 'Busin', 'bo', 'Proce', 'Ko', and 'Envir'. Below the project tree is a 'Palette' with categories 'Swimlanes' and 'Gateways'. At the bottom, a tabbed interface shows 'General', 'Data', 'Execution', 'Appearance', 'Validation status', and 'Minimap'. The 'Data' tab is active and highlighted with a red circle. It contains a 'Pool variables' section with 'Add...', 'Edit...', and 'Remove' buttons. To the right of this section are two panels: 'Business variables i' and 'Process variables i', each with 'Add...', 'Edit...', 'Remove', and 'Move...' buttons. Red arrows point from the text 'zmienne biznesowe i procesowe' to the 'Add...' buttons in both the 'Business variables' and 'Process variables' panels.

zmienne biznesowe i procesowe

Bonita – zmienne biznesowe





Zadania użytkownika (user task) reprezentują czynności, które nie mogą być zrealizowane w pełni automatycznie i wymagają udziału człowieka. Przebieg zadania jest nadzorowany przez silnik workflow.

Do opisu tego typu zadań wykorzystywane są:

- **kontrakty** (contracts)

kontrakt definiuje zestaw danych niezbędnych do:

- wykonania zadania użytkownika (task contract)
- rozpoczęcia procesu (instantiation contract)

- **formularze** (forms)

formularz to element interfejsu, który prezentuje dane użytkownikowi i pozwala na ich modyfikację

- **operacje** (operations)

operacje są wykonywane po zakończeniu zadania przez użytkownika, pozwalają na przepisanie danych z formularzy (udostępnianych przez zmienne kontraktu) do zmiennych biznesowych i procesowych

Bonita – zadania użytkownika

The screenshot displays the Bonita Studio interface. The main canvas shows a BPMN diagram with a task named 'Rejestrowanie dostawy' (marked with a red circle 1). The diagram includes a start event 'Dostawa dotarła', a task 'Rejestrowanie dostawy', and a subsequent task 'Kontrolowanie dostawy'. The 'Rejestrowanie dostawy' task is highlighted with a red circle 2. The left sidebar shows the 'Palette' with various BPMN elements. The bottom panel shows the 'Rejestrowanie dostawy' task configuration, with the 'Execution' tab selected (marked with a red circle 3). The 'Task Inputs' section is visible, showing a table with columns: 'Add from data...', 'Name *', 'Type', 'Multiple', and 'Description'. The 'Add from data...' button is highlighted with a red circle 4. A tooltip message is displayed: 'Please create first a business variable from Data view or a document from Document view.'

Bonita Studio

File View Help

Overview Business Data Model editor *Kontrola dostawy (2.0)

Palette

Swimlanes

Gateways

General Data Execution Appearance Validation status Minimap

Rejestrowanie dostawy

Connectors in

Contract

Form

Operations

Connectors out

Task Inputs

Inputs Constraints

You can first define [business variables](#) and/or [documents](#), and then click on "Add from data...". It will automatically map contract inputs to data, and create operations to update data with contract values.

Add from data...	Name *	Type	Multiple	Description
Add				
Add child				

Please create first a business variable from Data view or a document from Document view.

Bonita – zadania użytkownika

Add Contract input

Select the data and the action to perform

Select the business variable or document which the contract inputs will be created as well as the action to perform.

Data ☒ Business variable ☐ Document

Action ☐ Instantiate ☒ Edit **1**

dostawa -- com.company.model.Dostawa

Input name **2** of type COMPLEX

< Back Next > **3** Finish & Add Finish Cancel

*definiując kontrakt Bonita
domyślnie dodaje "Input" za
nazwą zmiennej biznesowej*

Bonita – zadania użytkownika

 Add Contract input

Select dostawa attributes to add to contract

Choose the fields you want to reuse in your contract.

Select all

Deselect all

Mandatory attributes

Attribute name	Attribute type
☒ id	STRING
☒ dostawca	STRING
☒ data_dostawy	DATE ONLY
☒ opis	STRING
☒ partia	INTEGER
☐ proba	INTEGER
☐ dopuszczalna	INTEGER
☐ niezgodnych	INTEGER
☐ status	STRING

[More information about Contract and Form generation.](#)

From the contract definition, the Studio can automatically generate operations to store or update business variables. You can then modify these operations if necessary.

☒ Auto-generate storage operations

☐ No, thanks. I'll manually define how to use the contract.

< Back

Preview >

Finish & Add

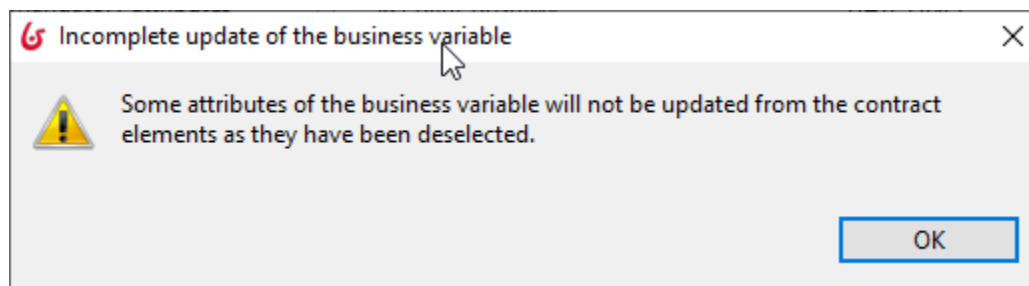
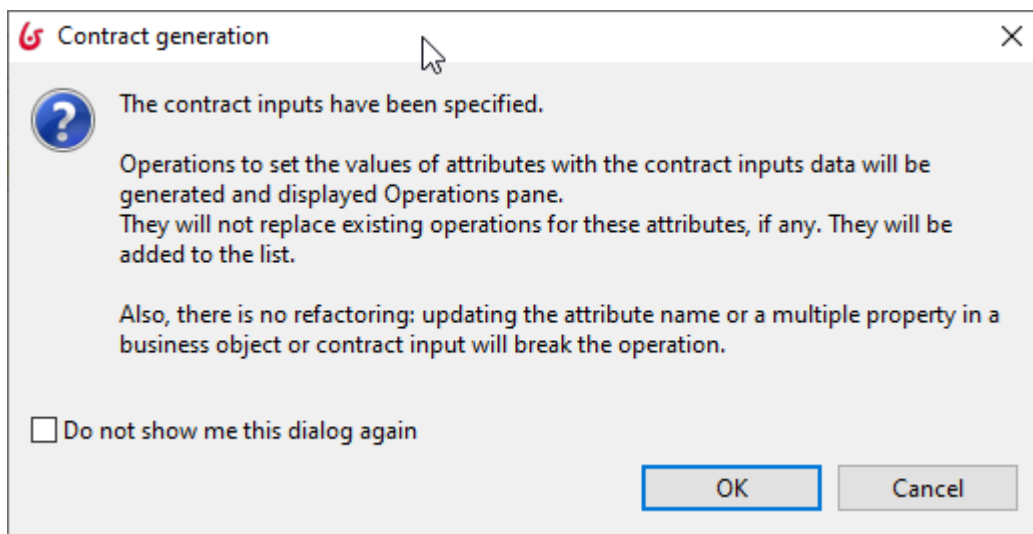
Finish

Cancel

nie wybrano atrybutów:

- proba
- dopuszczalna
- niezgodnych
- status

Bonita – zadania użytkownika



Bonita – zadania użytkownika

Bonita Studio

File View Help

Overview Business Data Model editor *Kontrola dostawy (2.0)

Palette

31E-B

Orga

Al

Al

Busin

bo

Proc

Ko

Ko

Envr

General Data Execution Appearance Validation status Minimap

Rejestrowanie dostawy

Connectors in

Contract

Form

Operations

Connectors out

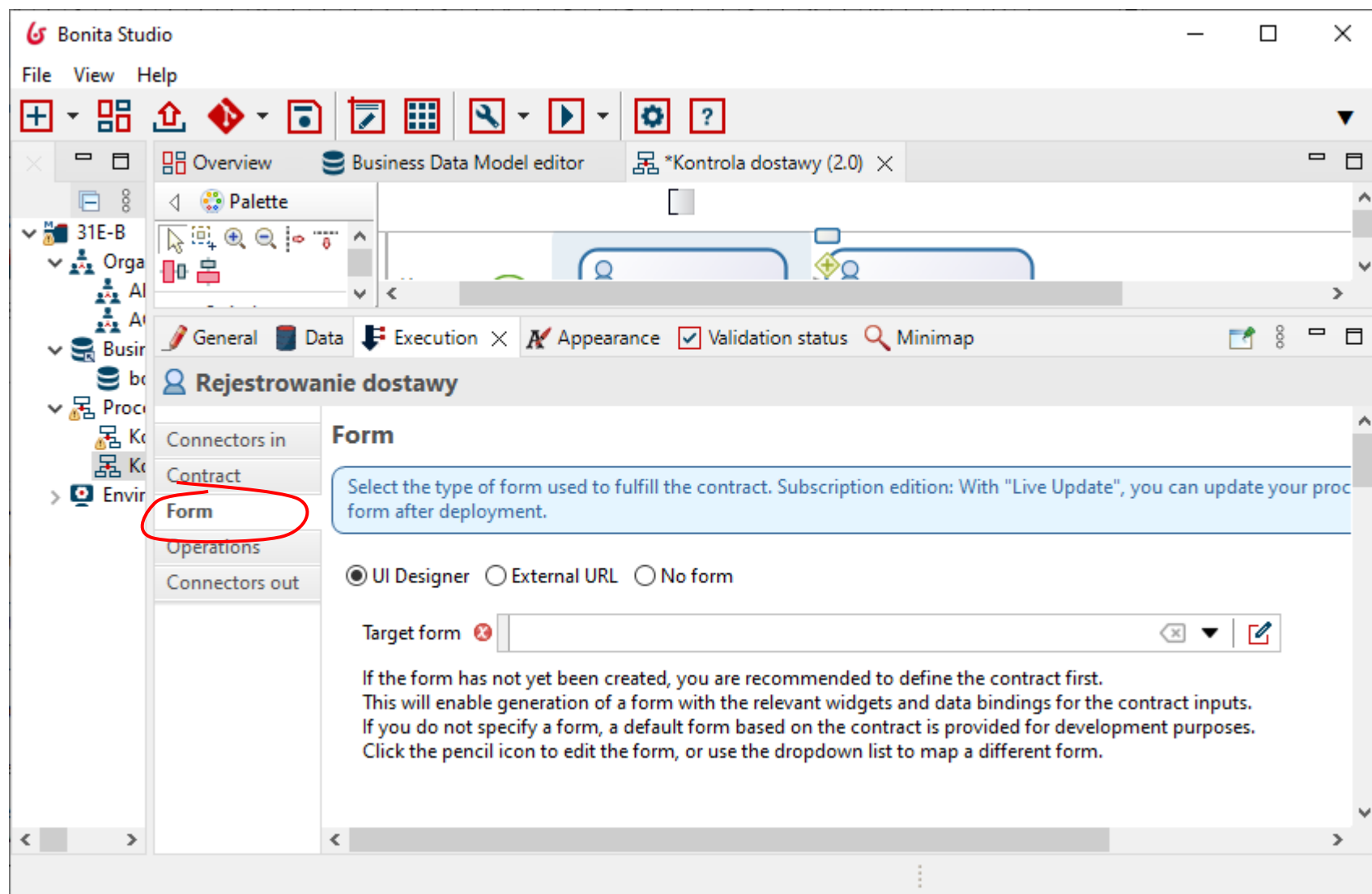
Task Inputs

Inputs Constraints

You can first define [business variables](#) and/or [documents](#), and then click on "Add from data...". It will automatically map contract inputs to data, and create operations to update data with contract values.

Add from data...	Name *	Type	Multiple	Description
Add	▼ dostawaInput	COMPLEX	☐	
Add child	id	TEXT	☐	
Remove	dostawca	TEXT	☐	
	data_dostawy	DATE ONLY	☐	
	opis	TEXT	☐	
	partia	INTEGER	☐	

Bonita – zadania użytkownika



Bonita – zadania użytkownika

The screenshot shows the Bonita Studio interface. The main window is titled 'Bonita Studio' and contains a menu bar (File, View, Help) and a toolbar. The central workspace displays a BPMN diagram for an activity named 'Rejestrowanie dostawy'. The left sidebar shows a project tree with folders like '31E-B', 'Orga', 'Al', 'Av', 'Busin', 'bo', 'Proc', 'Ke', 'Ko', and 'Envir'. The right sidebar has tabs for 'General', 'Data', 'Execution', 'Appearance', 'Validation status', and 'Minimap'. The 'Operations' tab is active, showing a list of operations for the 'dostawa' entity. A red circle highlights the 'Operations' tab in the left sidebar. A blue tooltip explains that operations update variable values and are executed in order.

Rejestrowanie dostawy

Operations

An operation updates the value of a variable after an activity is performed. Operations are executed in the order they are listed. ⚠ A delete operation must be set on its own, in a dedicated activity. Other operations that recreate or update the variable must be handled in a separate activity.

Entity	Operation	Variable	Value
dostawa	setId	dostawaInput.id	
dostawa	setDostawca	dostawaInput.dostawca	
dostawa	setData_dostawy	dostawaInput.data_dos	
dostawa	setOpis	dostawaInput.opis	
dostawa	setPartia	dostawaInput.partia	

Bonita – zadania użytkownika

The screenshot displays the Bonita Studio interface with the 'Business Data Model editor' tab active. The main canvas shows a BPMN diagram with a start event 'Dostawa dotarła', followed by a task 'Rejestrowanie dostawy', and then a task 'Kontrolowanie dostawy' (highlighted with a red circle 1). The 'Kontrolowanie dostawy' task is selected, and its configuration panel is visible at the bottom. The 'Execution' tab is selected (highlighted with a red circle 2). The 'Task Inputs' section shows a table with columns: 'Add from data...', 'Name *', 'Type', 'Multiple', and 'Description'. The 'Add from data...' button is highlighted with a red circle 4. A tooltip message states: 'Please create first a business variable from Data view or a document from Document view.' The 'Contract' tab is also visible (highlighted with a red circle 3).

Bonita Studio

File View Help

Overview Business Data Model editor *Kontrola dostawy (2.0)

Palette

Swimlanes

Gateways

General Data Execution Appearance Validation status Minimap

Kontrolowanie dostawy

Connectors in Contract Form Operations Connectors out

Task Inputs

Inputs Constraints

You can first define [business variables](#) and/or [documents](#), and then click on "Add from data...". It will automatically map contract inputs to data, and create operations to update data with contract values.

Add from data...	Name *	Type	Multiple	Description
Add	Please create first a business variable from Data view or a document from Document view.			

Bonita – zadania użytkownika

Add Contract input

Select the data and the action to perform

Select the business variable or document which the contract inputs will be created as well as the action to perform.

Data ☒ Business variable ☐ Document

Action ☐ Instantiate ☒ Edit

dostawa -- com.company.model.Dostawa

Input name: dostawaInput of type COMPLEX

< Back Next > Finish & Add Finish Cancel

- *dalsze czynności jak przy kontrakcie "Rejestrowanie dostawy" (podobnie należy zdefiniować kontrakt dla zadania "Rozładowanie dostawy")*
- *w kontrakcie dla zadania "Kontrolowanie dostawy" należy wybrać atrybuty*
 - *"proba",*
 - *"dopuszczalna"*
 - *"niezgodnych"*
- *w kontrakcie dla zadania "Rozładowanie dostawy" należy wybrać wyłącznie atrybut "status"*

Proces – deploy (wdrożenie)

Bonita Studio

File View Help

Overview Business Data Model editor Kontrola dostawy (2.0)

Palette

Swimlanes

Gateways

General Data Execution Appearance Validation status Minimap

Rozładowywanie dostawy

Connectors in

Contract

Form

Operations

Connectors out

Task Inputs

Inputs Constraints

You can first define [business variables](#) and/or [documents](#), and then click on "Add from data...". It will automatically map contract inputs to data, and create operations to update data with contract values.

Add from data...

Add

Name *	Type	Multiple	Description
dostawaInput	COMPLEX	☐	

Bonita Portal

Proces wersja 2

Bonita Portal

The screenshot displays the Bonita User Application interface in a web browser. The browser's address bar shows the URL `localhost:8080/bonita/apps/userAppBonita/task-list/`. The application header includes the Bonita logo, the text "Bonita User Application", and the user name "Jan Kowalski".

The main interface is divided into two primary sections. On the left, a sidebar contains navigation links for "Tasks", "Cases", and "Processes". Below these, a "Task list" section shows a table of tasks. The table has columns for "Task name", "Process name", and "Due date". One task, "Rejestrowanie dostawy", is listed under the process "ABC".

On the right, the "Form" view for the "Rejestrowanie dostawy" task is displayed. It includes several input fields with placeholder text: "dostawaInput", "Id", "dociawos", "data_dostawy", "opis", and "partia". The "partia" field contains the value "1000". A green "Execute" button is located at the bottom right of the form.

Task name	Process name	Due date
Rejestrowanie dostawy	ABC	-

Bonita

Eksport projektu

Eksport

