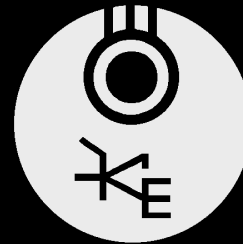


Міністерство освіти і науки України
Державний вищий навчальний заклад
“Національний гірничий університет”



КАФЕДРА ЕЛЕКТРОПРИВОДА

Кафедра електропривода

Авторизований навчальний центр “Schneider Electric”

Розробив: Яланський О.А., доцент кафедри електропривода

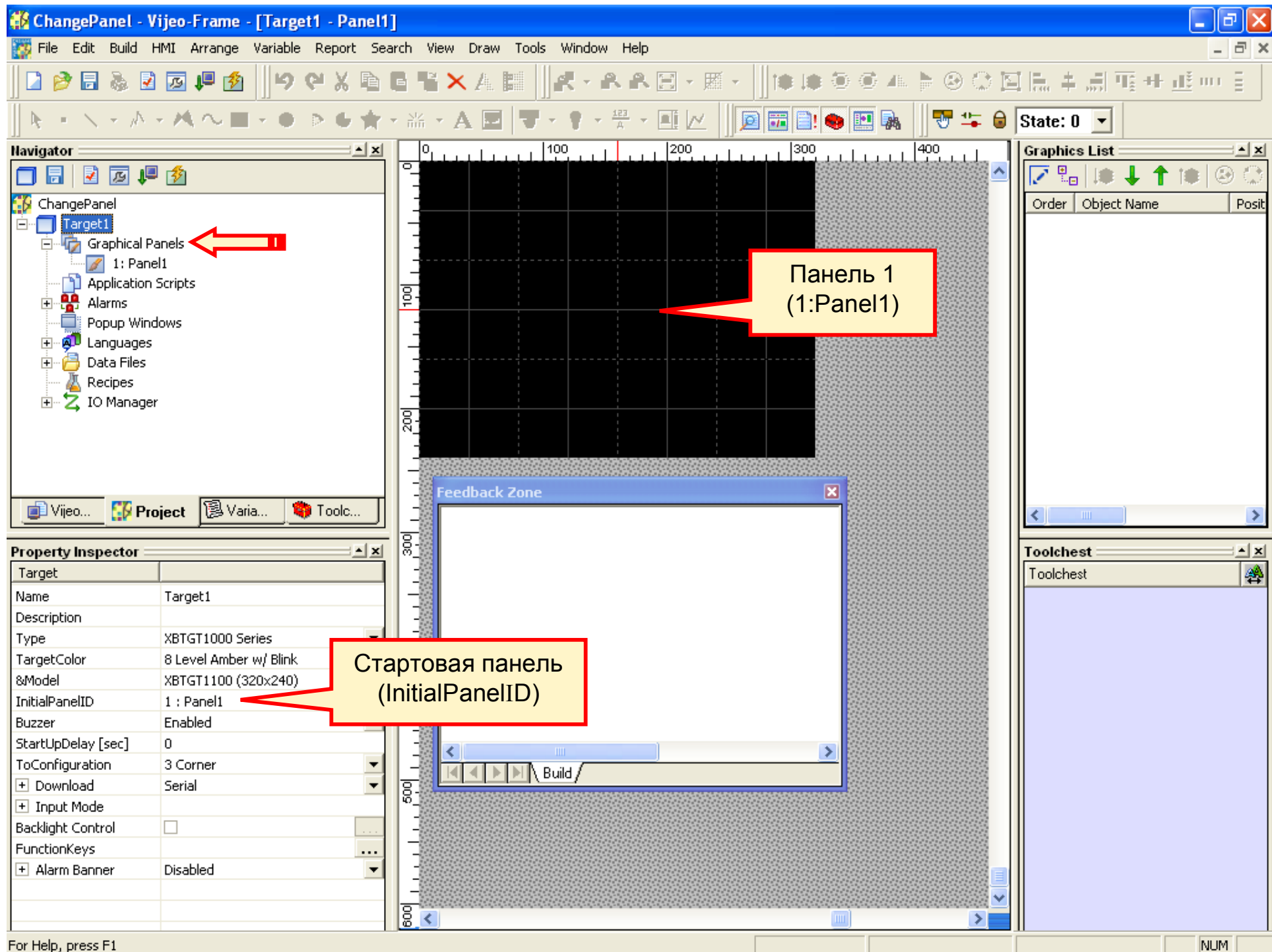
м. Дніпропетровськ

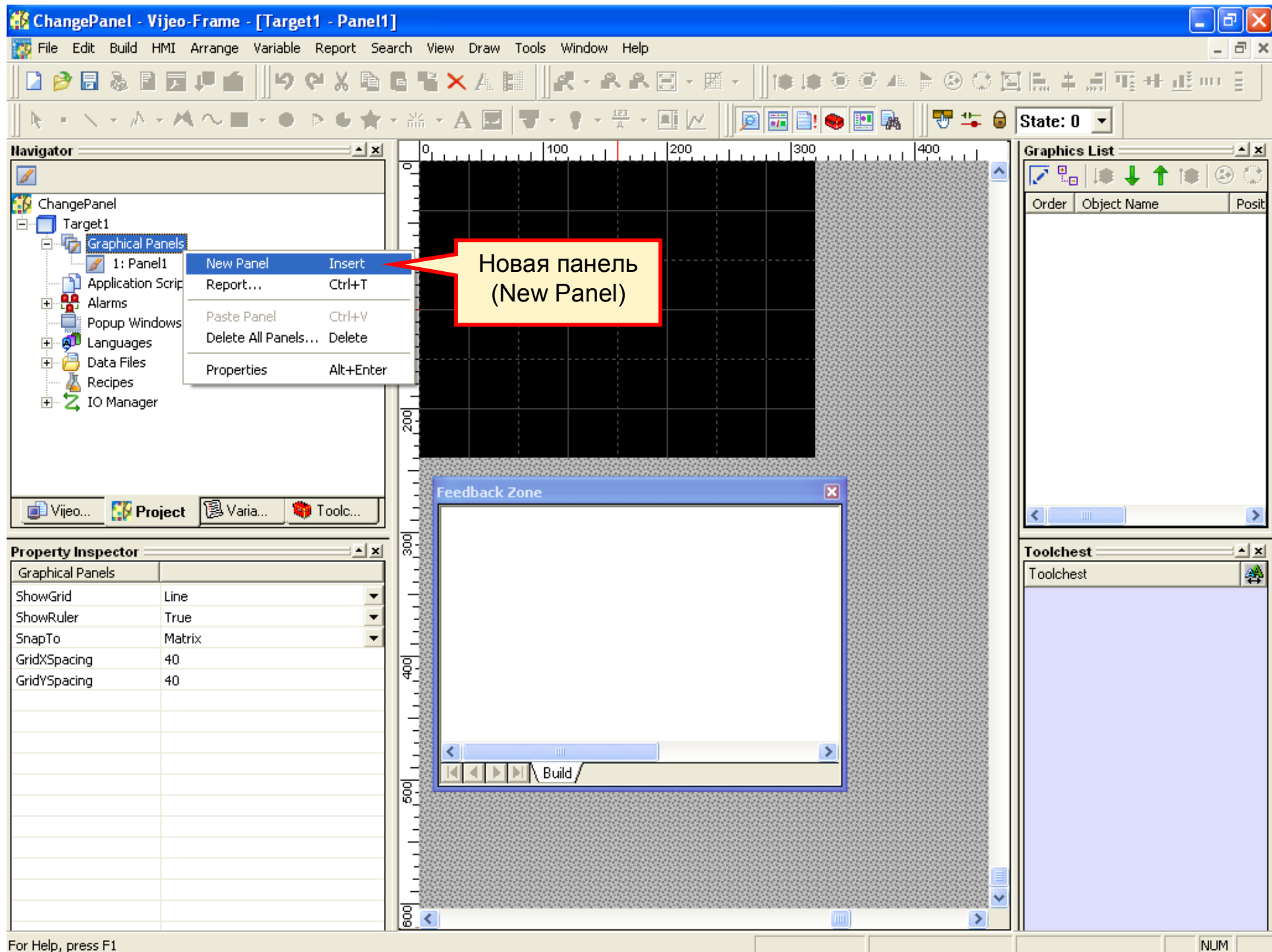
2008 - 2012

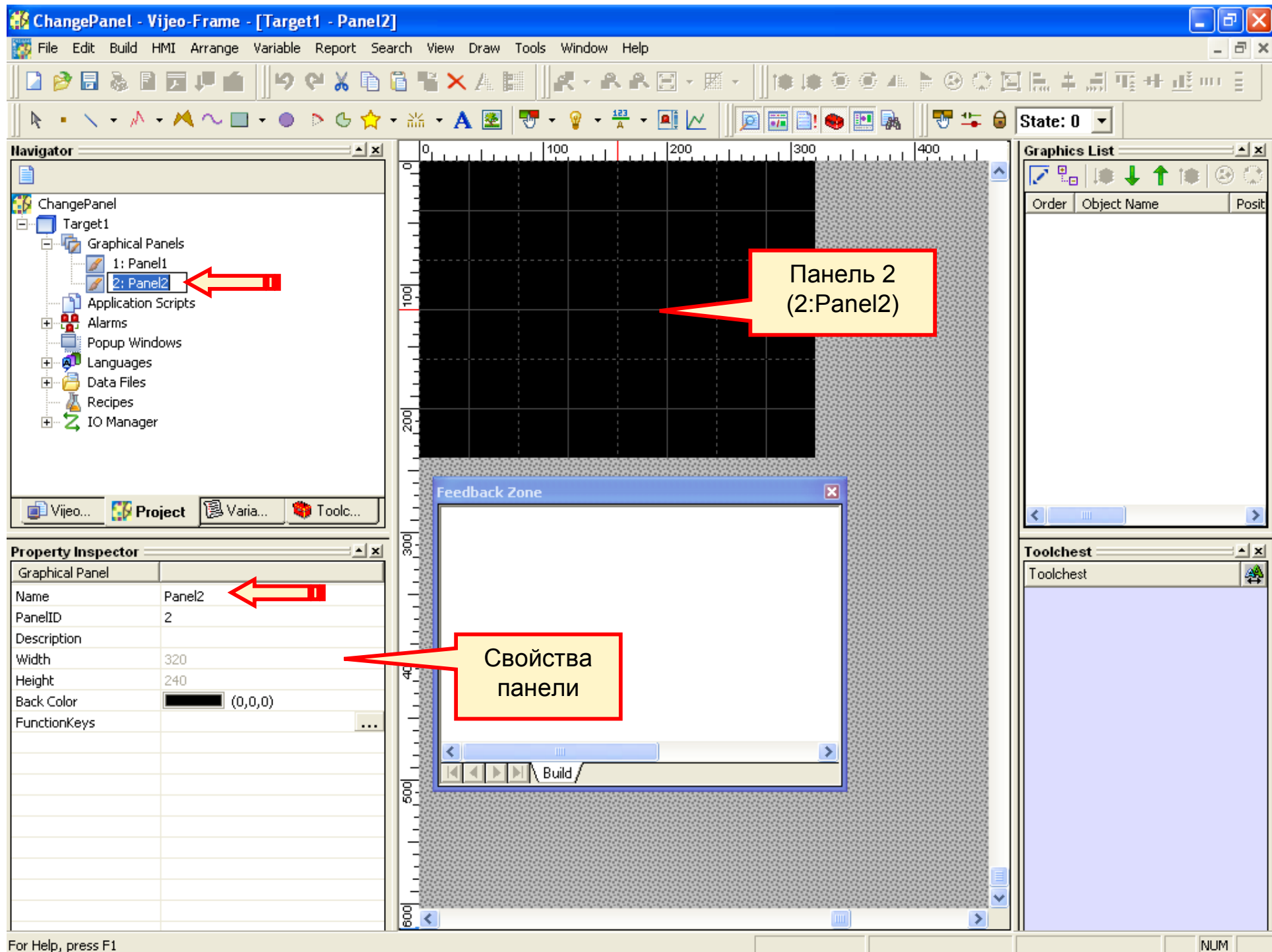
Vijeo Designer

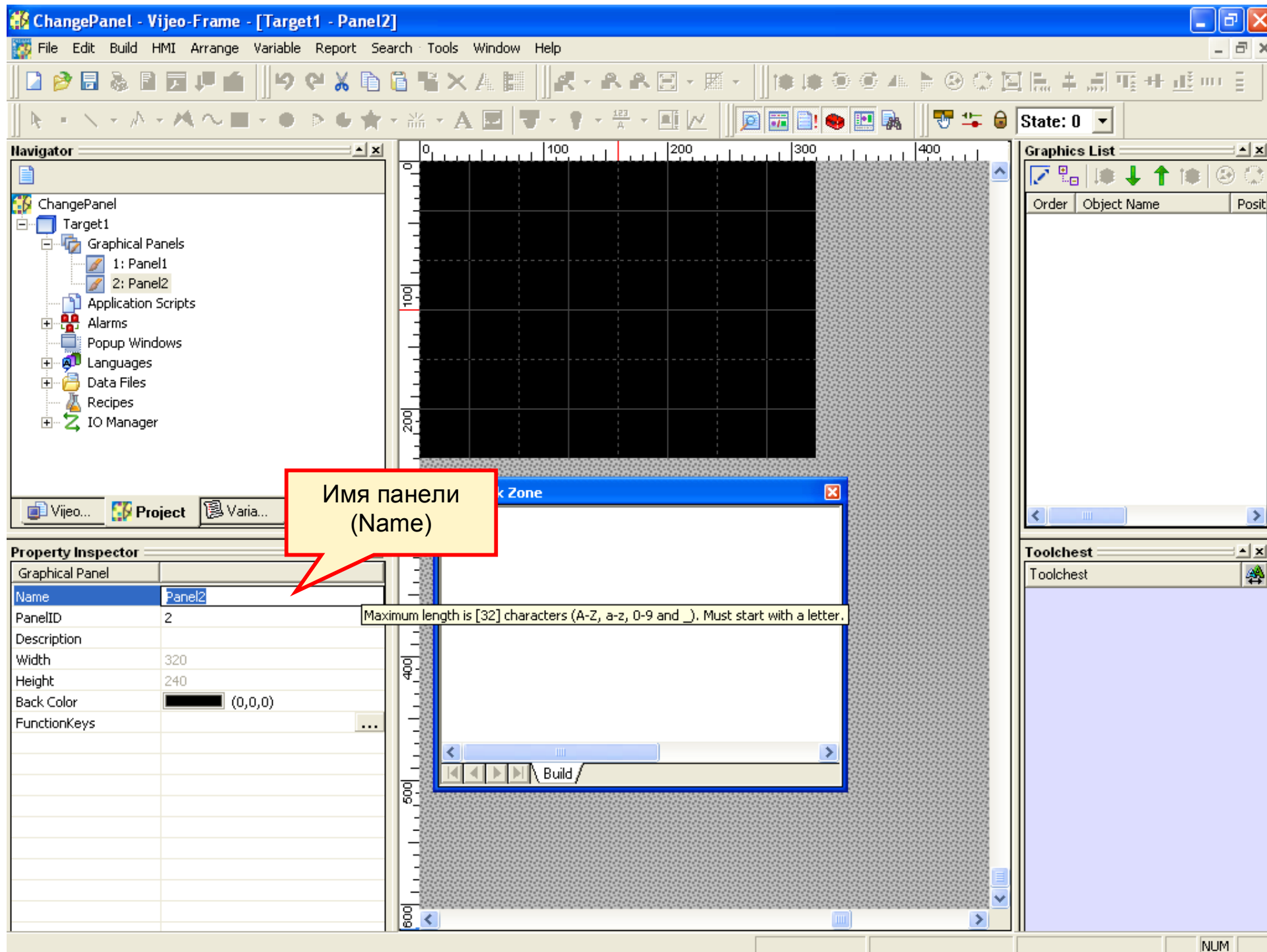
Быстрый старт

Смена панелей









ChangePanel - Vijeo-Frame - [Target1 - Panel2]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- ChangePanel
 - Target1
 - Graphical Panels
 - 1: Panel1
 - 2: Panel2
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Property Inspector

Graphical Panel	
Name	Panel2
PanelID	2
Description	
Width	320
Height	240
Back Color	(0,0,0)
FunctionKeys	...

Graphics List

Order	Object Name	Posit
-------	-------------	-------

Toolchest

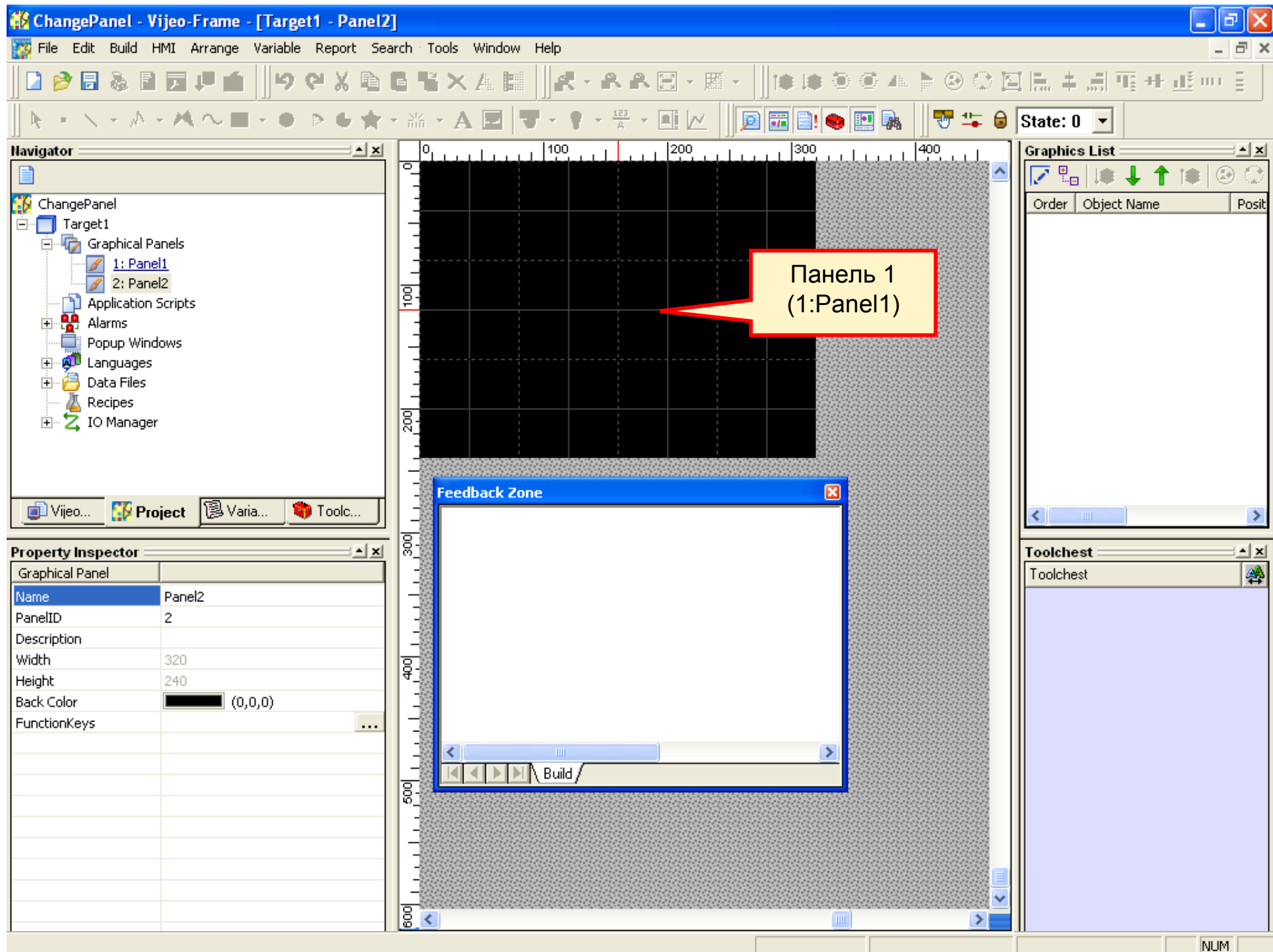
Toolchest

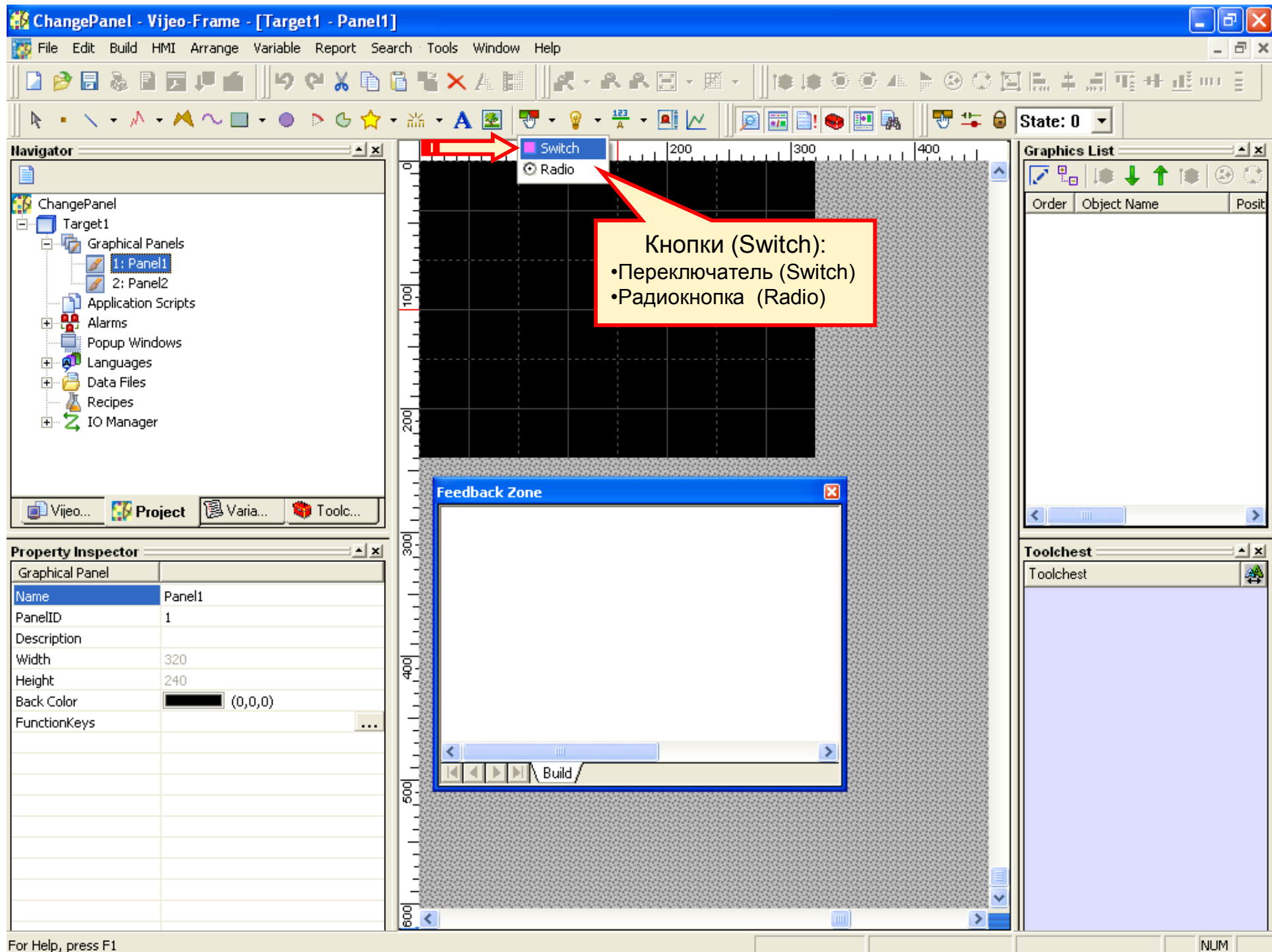
Target1 - Panel2

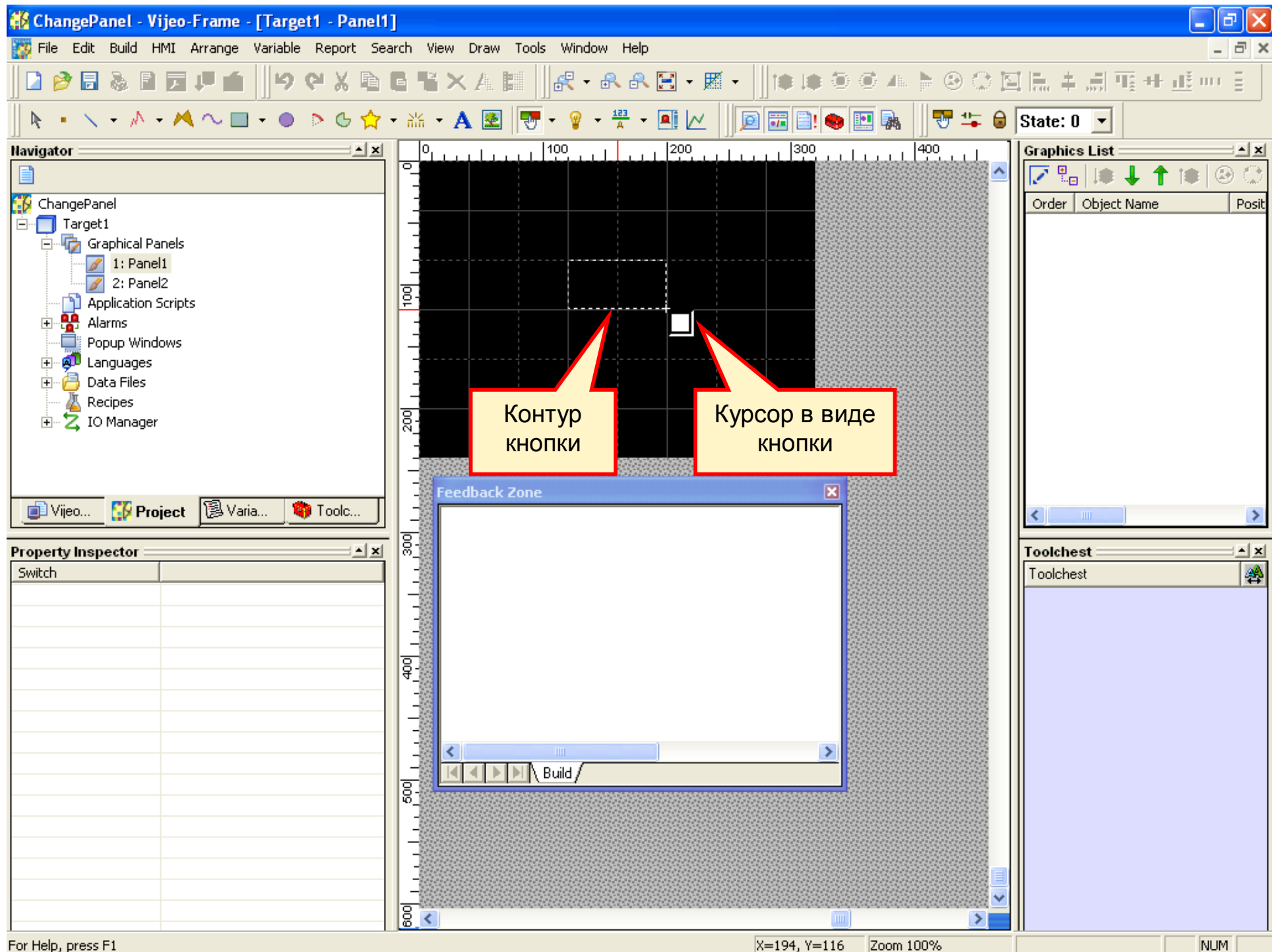
Feedback Zone

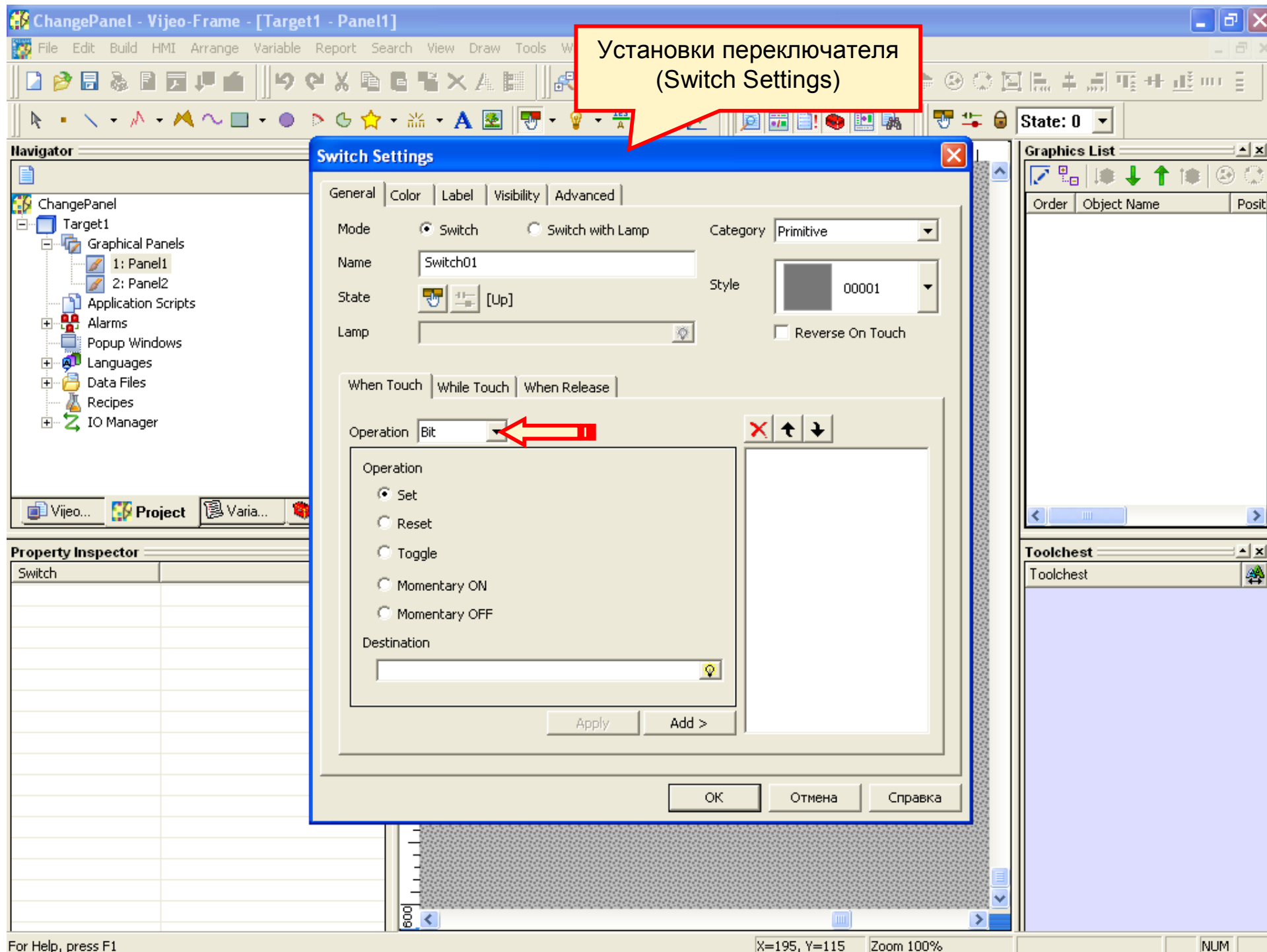
Build

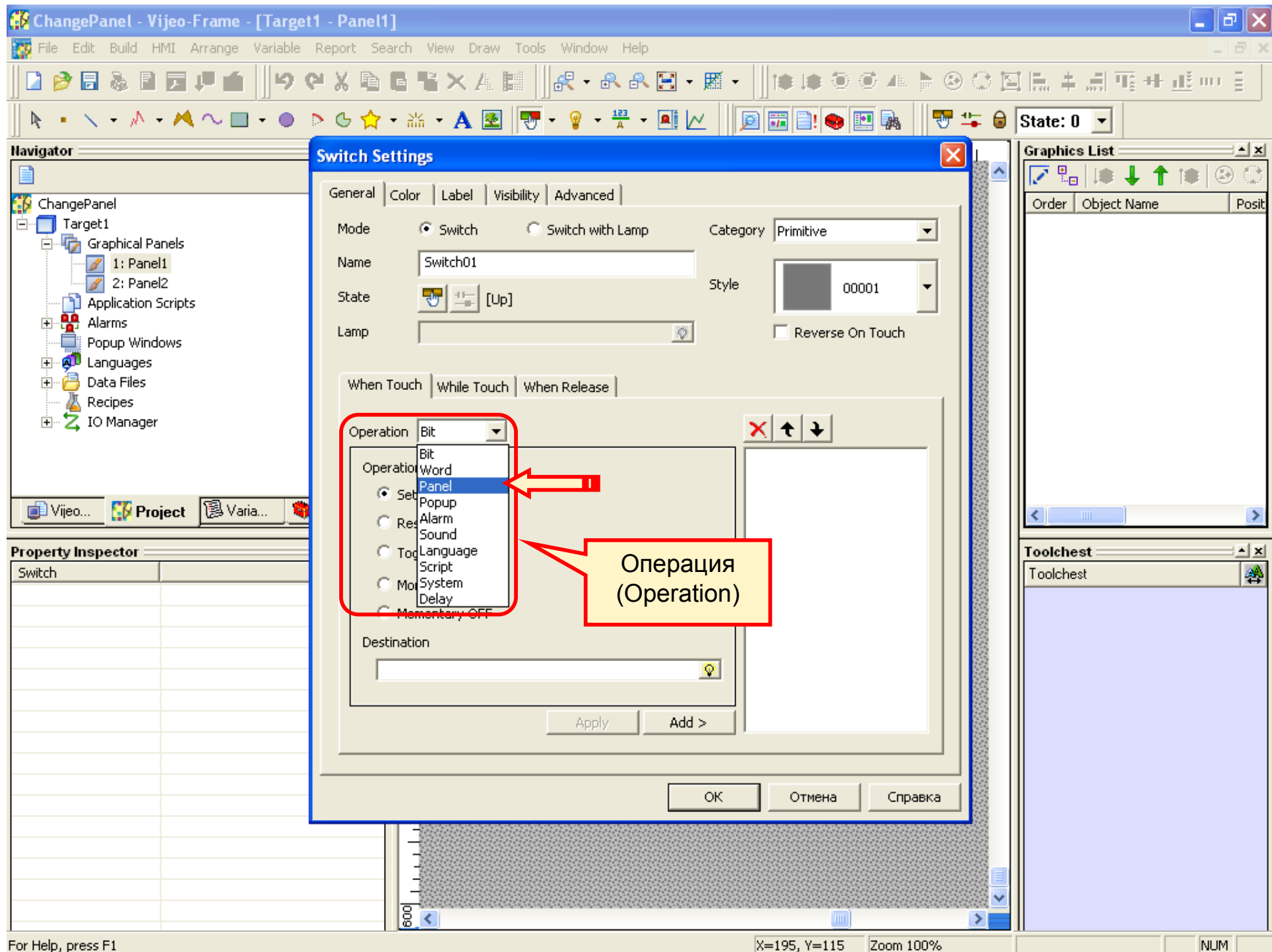
Перейдите на Панель1

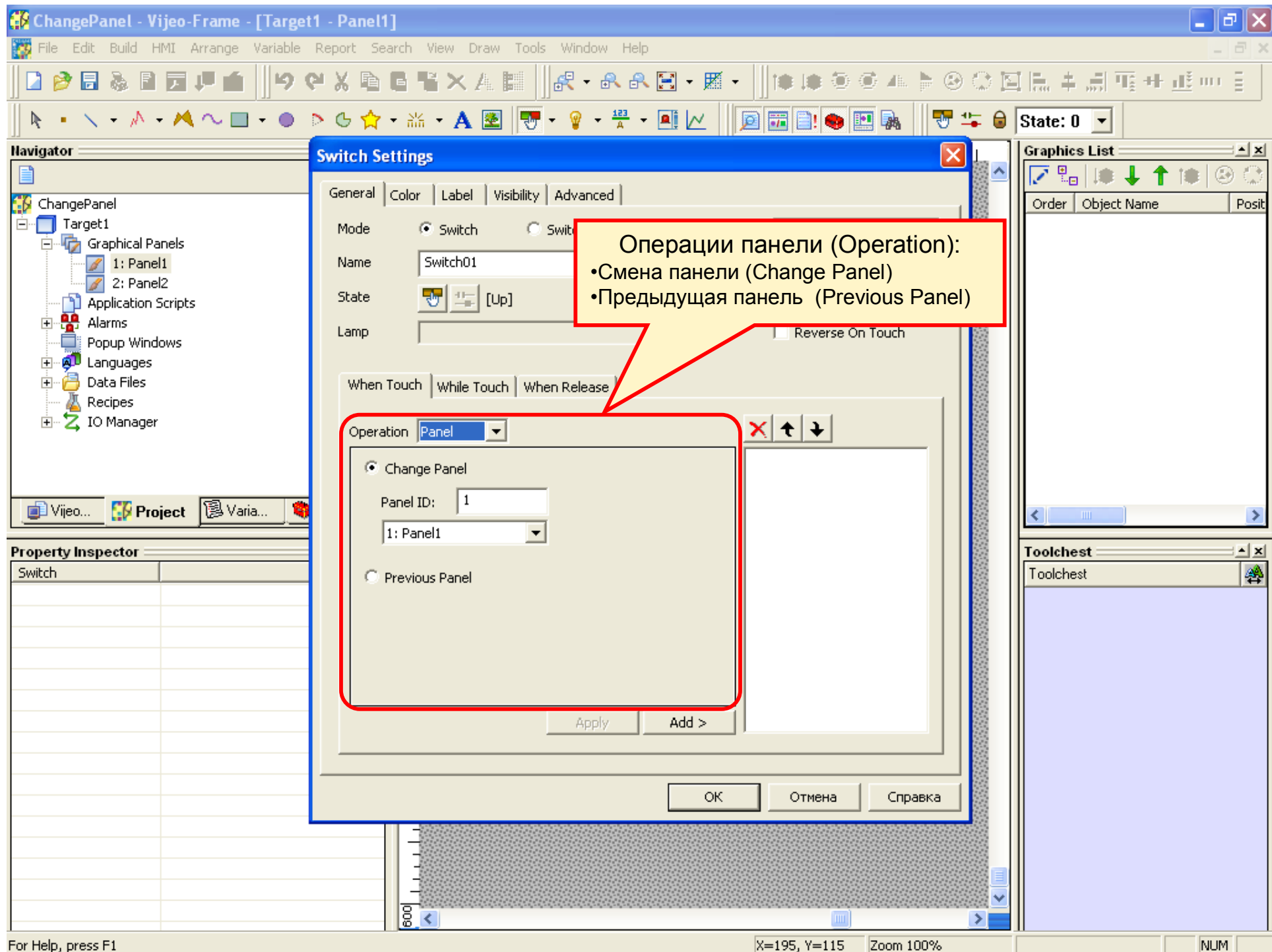


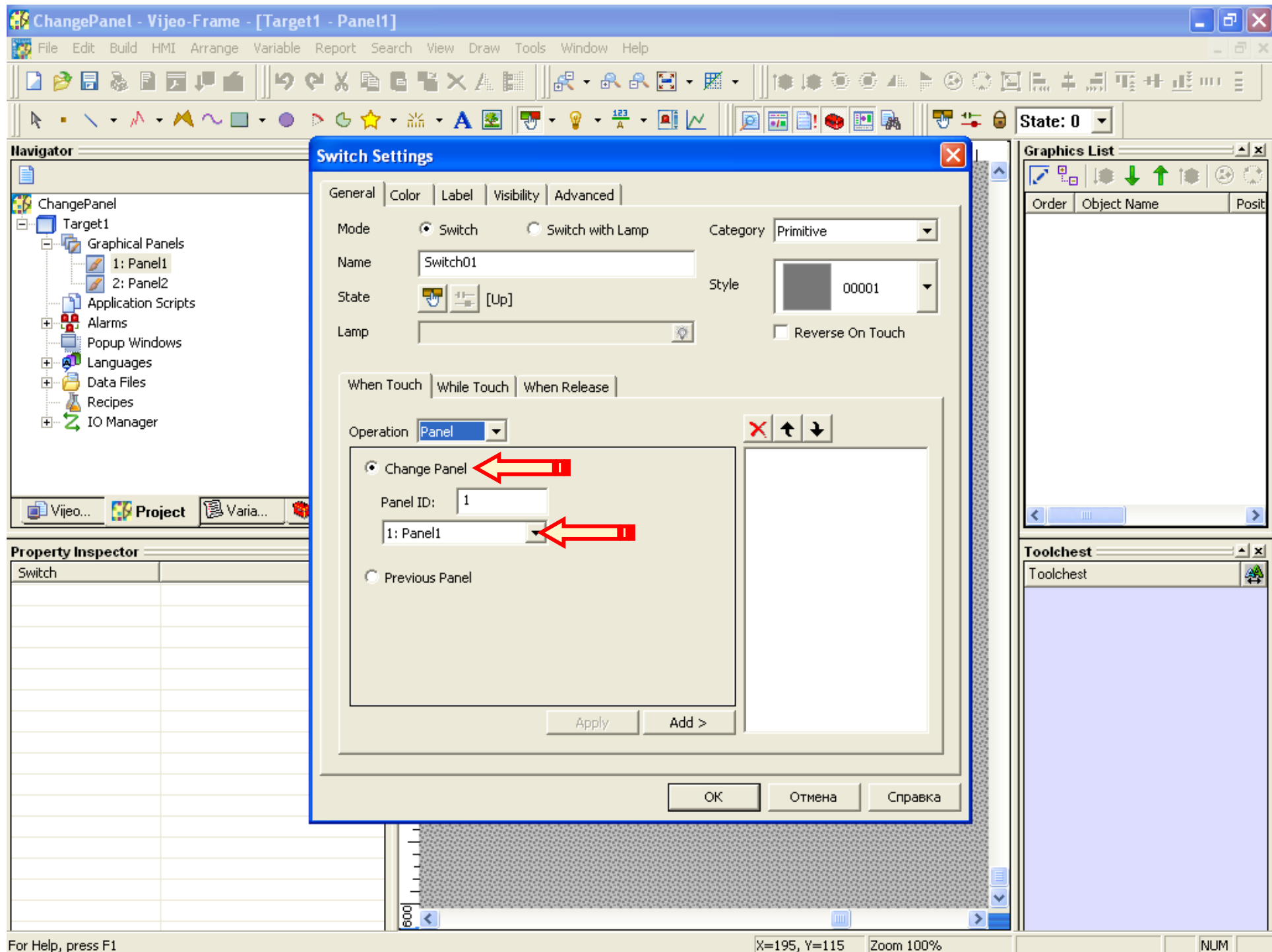


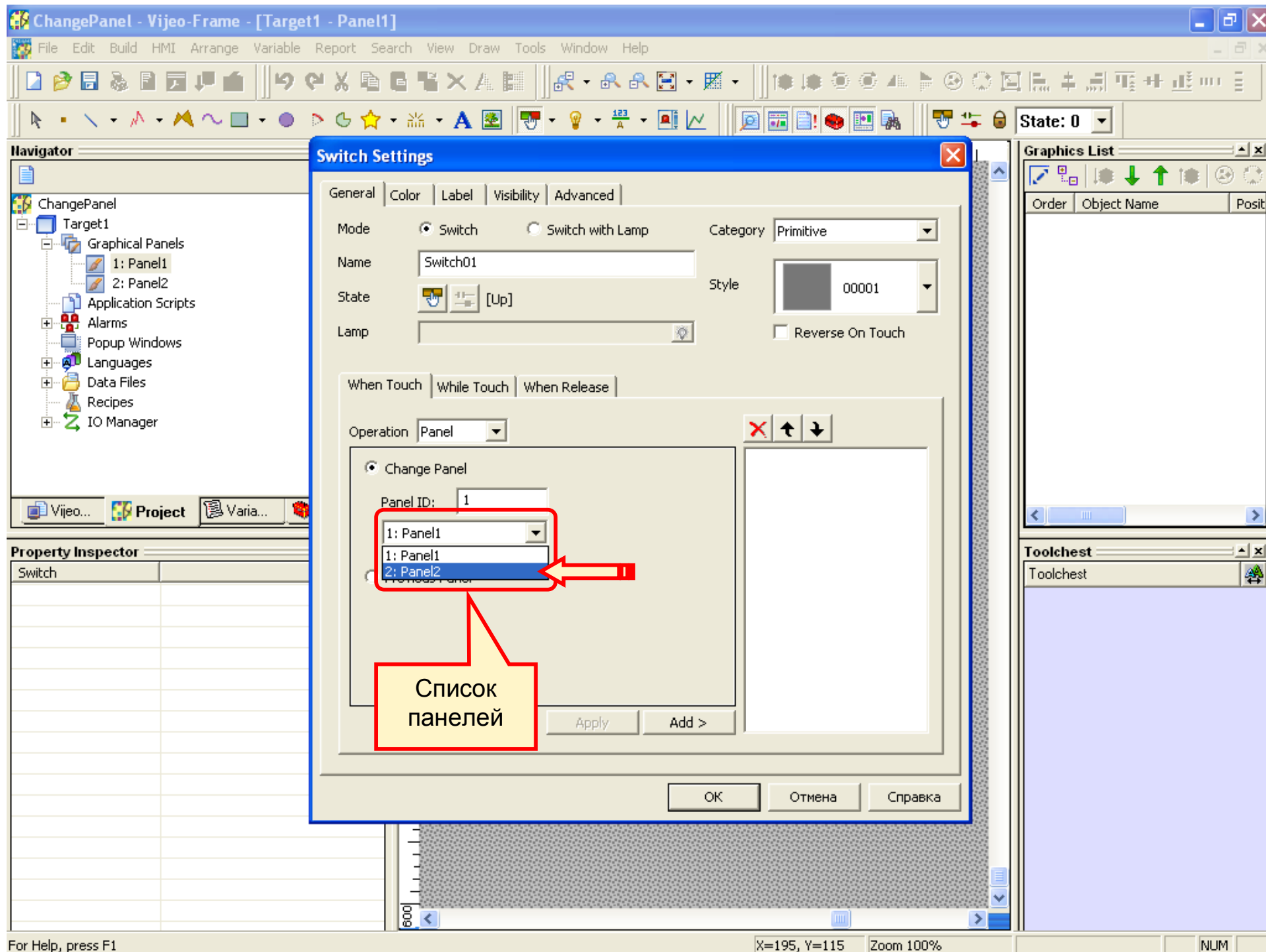












ChangePanel - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- ChangePanel
 - Target1
 - Graphical Panels
 - 1: Panel1
 - 2: Panel2
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Switch Settings

General Color Label Visibility Advanced

Mode ☒ Switch ☐ Switch with Lamp Category Primitive

Name Switch01

State [Up]

Lamp ☐ Reverse On Touch

When Touch While Touch When Release

Operation Panel

☒ Change Panel

Panel ID: 2

2: Panel2

☐ Previous Panel

Change Panel[2]

Apply Add >

OK Отмена Справка

Graphics List

Order	Object Name	Posit
-------	-------------	-------

Toolchest

Toolchest

Операция перехода на Панель2

For Help, press F1 X=195, Y=115 Zoom 100% NUM

ChangePanel - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Se Help

Вкладка «Метка» (Label)

State: 0

Navigator

- ChangePanel
 - Target1
 - Graphical Panels
 - 1: Panel1
 - 2: Panel2
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Property Inspector

Switch	
Name	Switch01
Top	80
Left	120
Width	80
Height	40
+ General	
+ Color	
Label	Disabled
+ Visibility	
+ Advanced	
SaveDefaults	
RestoreDefaults	

Switch Settings

General Color Label Visibility Advanced

Label Type: Disabled

Language: 1: Language1

Off

Font: Font Size: Font Style:

On

Font: Font Size: Font Style:

Copy Text to All Languages... Copy Text to Empty Languages

Alignment:

OK Отмена Справка

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Toolchest

For Help, press F1

X=181, Y=105 Zoom 100%

NUM

ChangePanel - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- ChangePanel
 - Target1
 - Graphical Panels
 - 1: Panel1
 - 2: Panel2
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Property Inspector

Switch	
Name	Switch01
Top	80
Left	120
Width	80
Height	40
+ General	
+ Color	
Label	Disabled
+ Visibility	
+ Advanced	
SaveDefaults	
RestoreDefaults	

Switch Settings

General Color Label Visibility Advanced

Label Type: Disabled

Language: Disabled Static

Off

Font: Font Size: Font Style:

On

Font: Font Size: Font Style:

Copy Text to All Languages... Copy Text to Empty Languages

Alignment

OK Отмена Справка

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

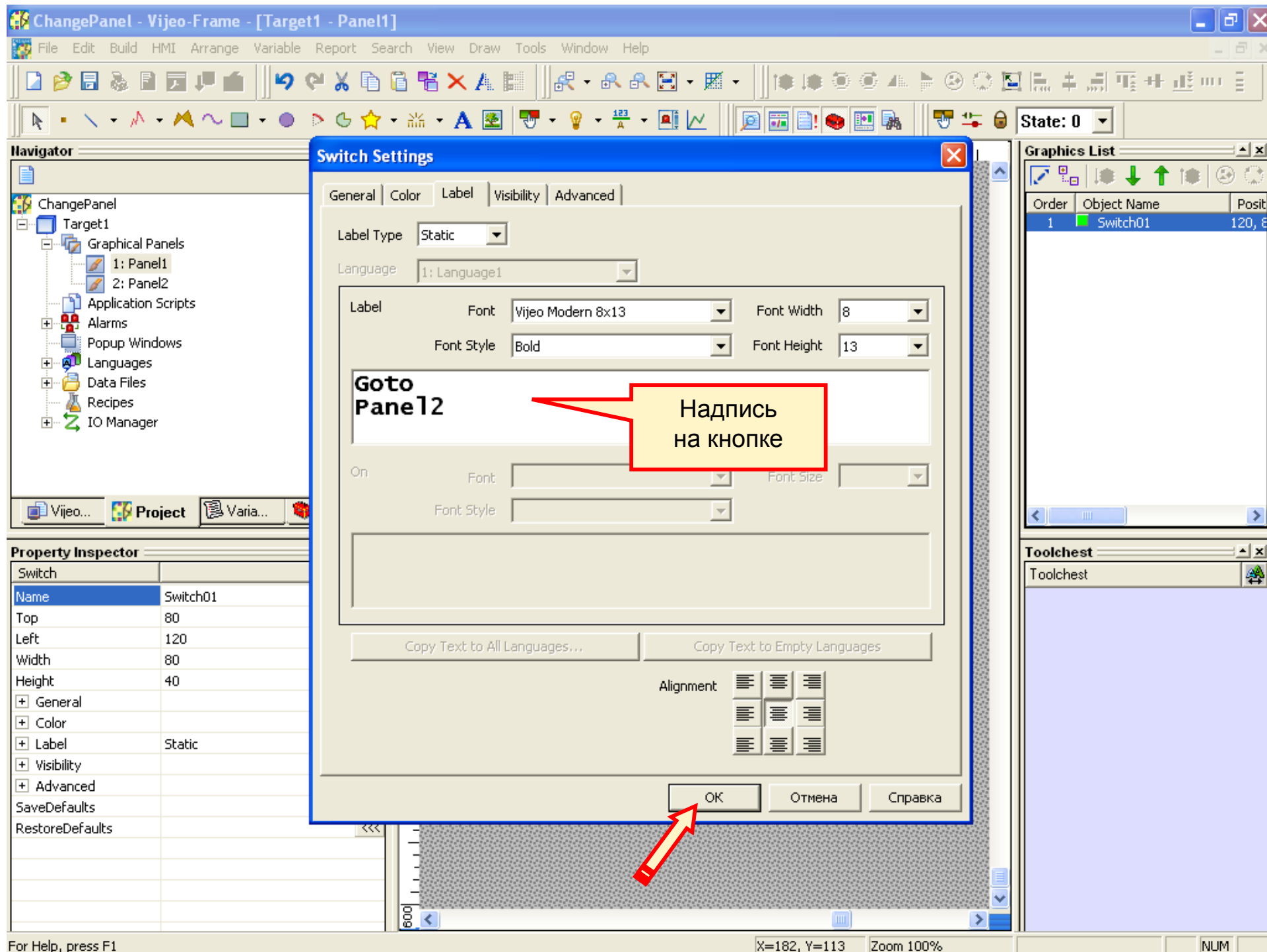
Toolchest

Toolchest

For Help, press F1

X=181, Y=105 Zoom 100%

NUM



ChangePanel - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- ChangePanel
 - Target1
 - Graphical Panels
 - 1: Panel1
 - 2: Panel2
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Vijeo... Project Varia... Toolc...

Property Inspector

Switch	
Name	Switch01
Top	80
Left	120
Width	80
Height	40
+ General	...
+ Color	...
+ Label	Static
+ Visibility	...
+ Advanced	...
SaveDefaults	>>>
RestoreDefaults	<<<

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Toolchest

Feedback Zone

Build

Callout: Кнопка перехода на Панель2

Goto Panel12

For Help, press F1 X=352, Y=271 Zoom 100% NUM

ChangePanel - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- ChangePanel
 - Target1
 - Graphical Panels
 - 1: Panel1
 - 2: Panel2
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

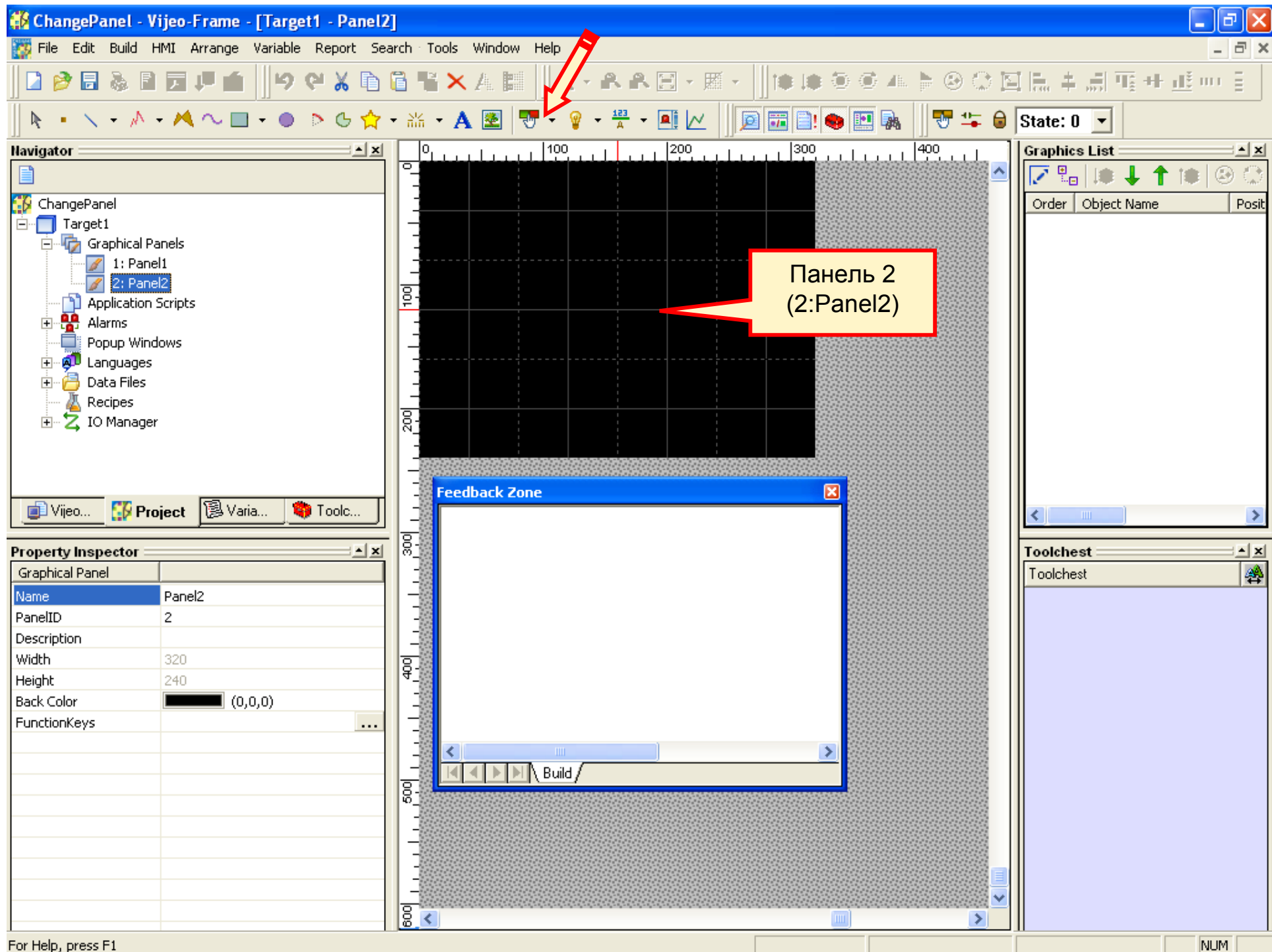
Property Inspector

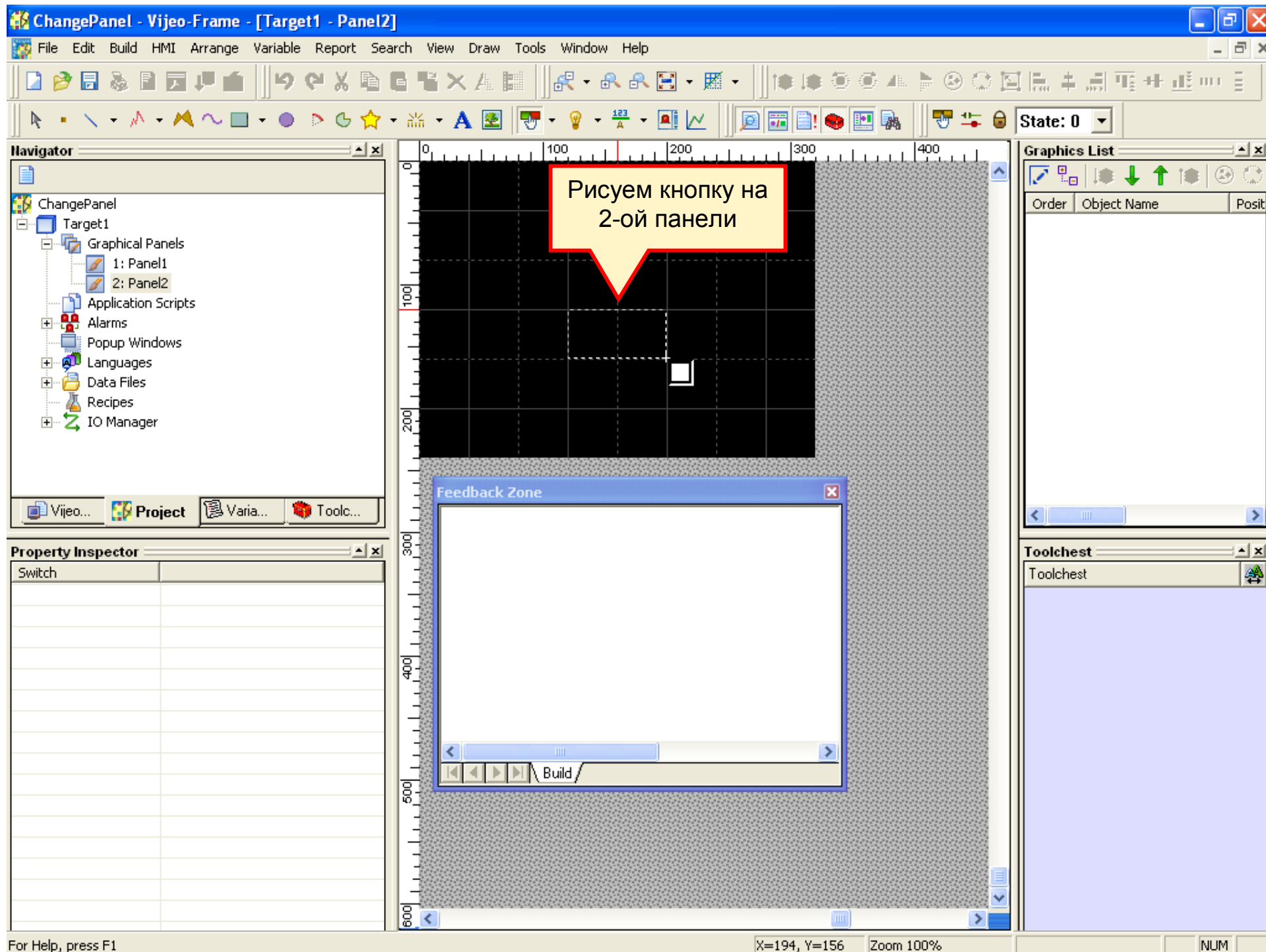
Switch	
Name	Switch01
Top	80
Left	120
Width	80
Height	40
+ General	...
+ Color	...
+ Label	Static
+ Visibility	...
+ Advanced	...
SaveDefaults	>>>
RestoreDefaults	<<<

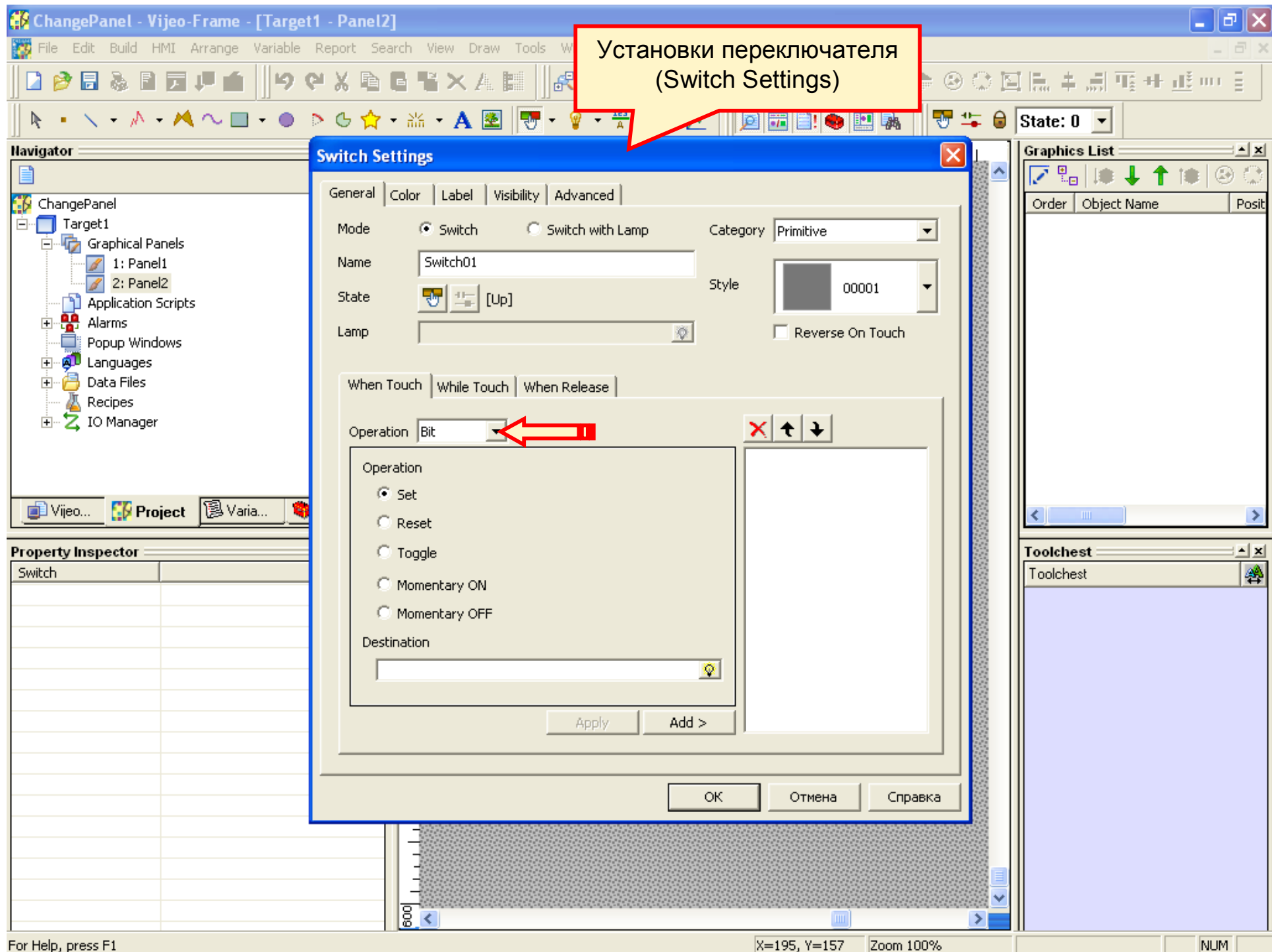
Feedback Zone

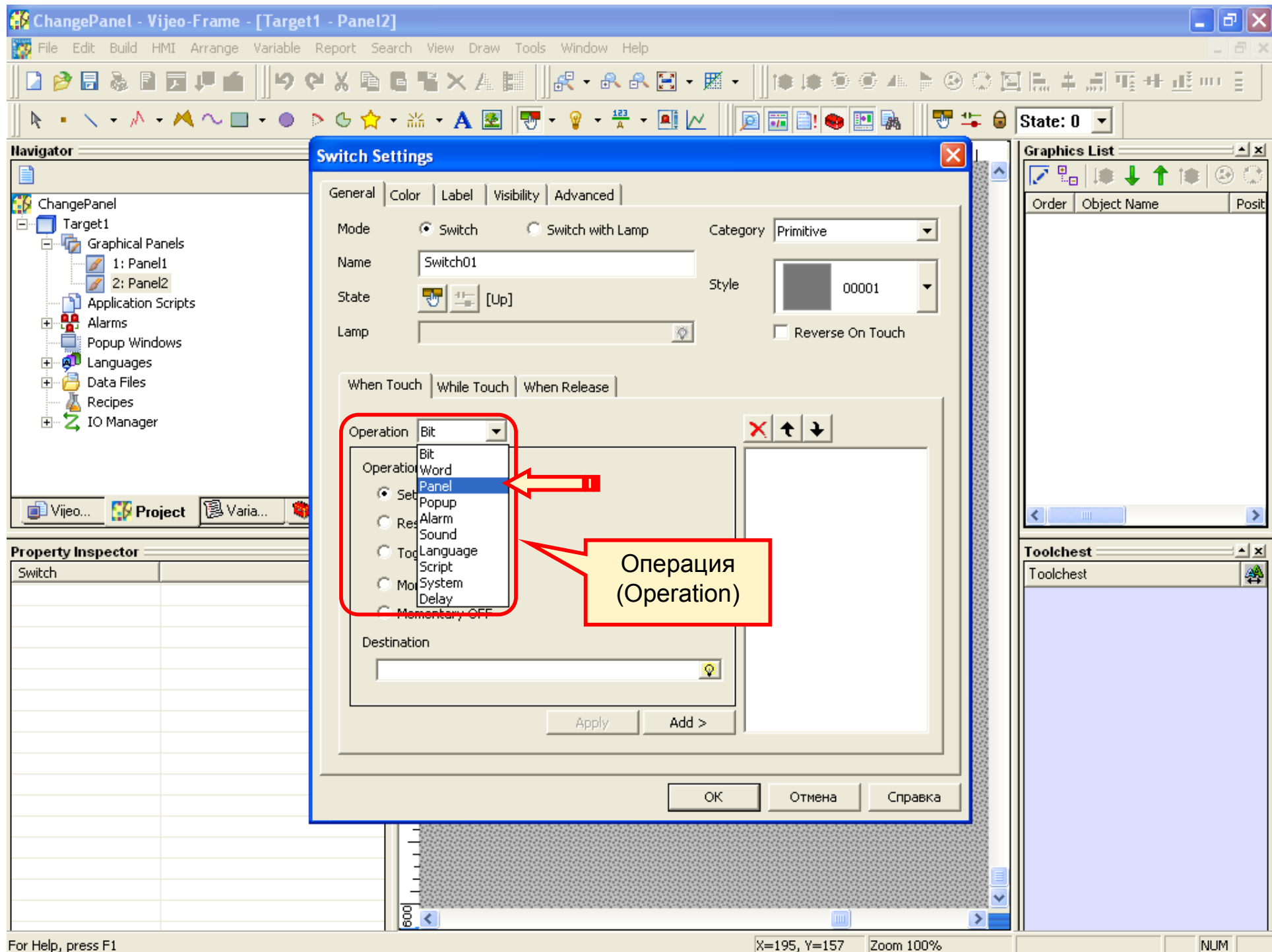
Build

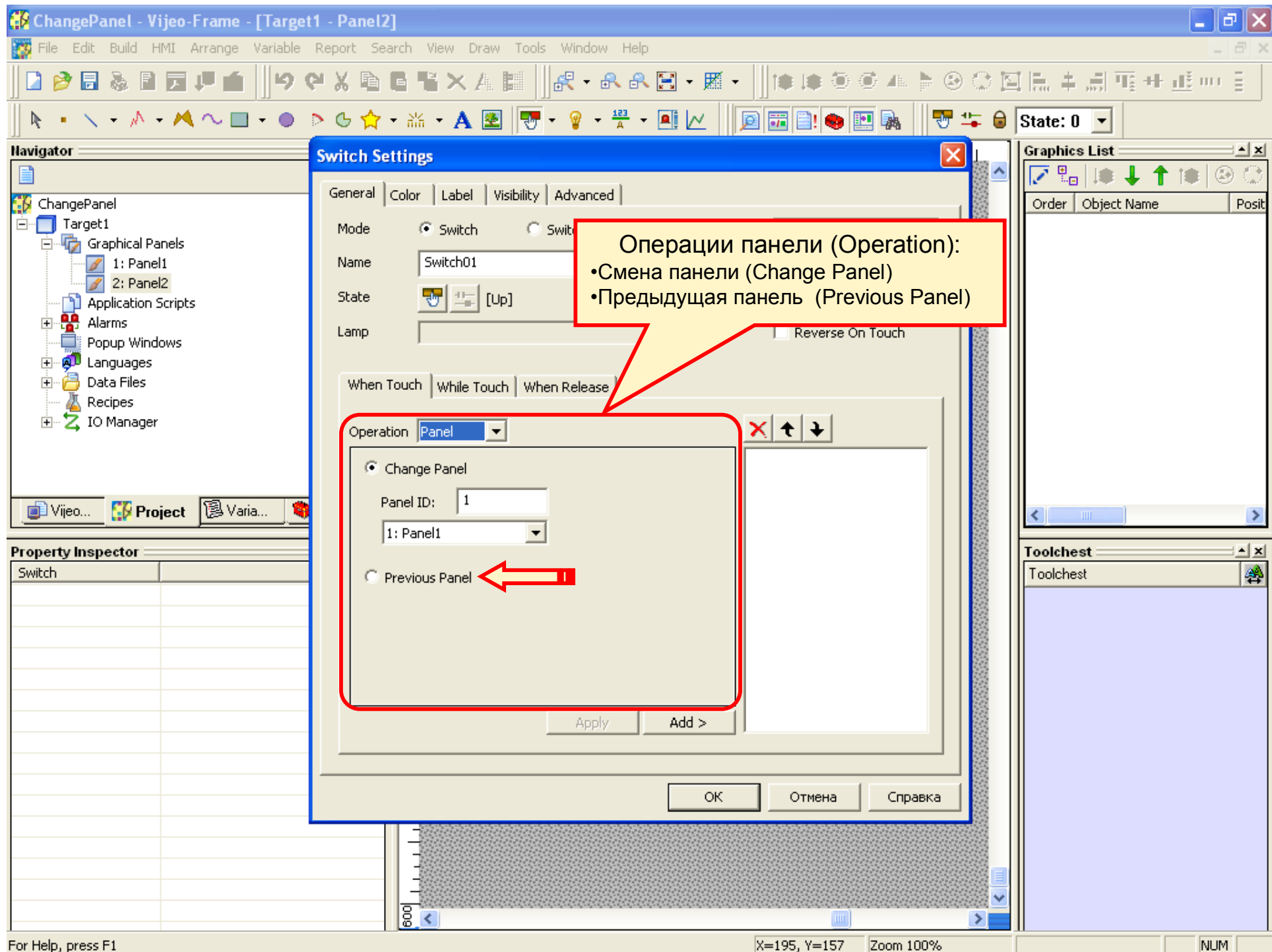
NUM

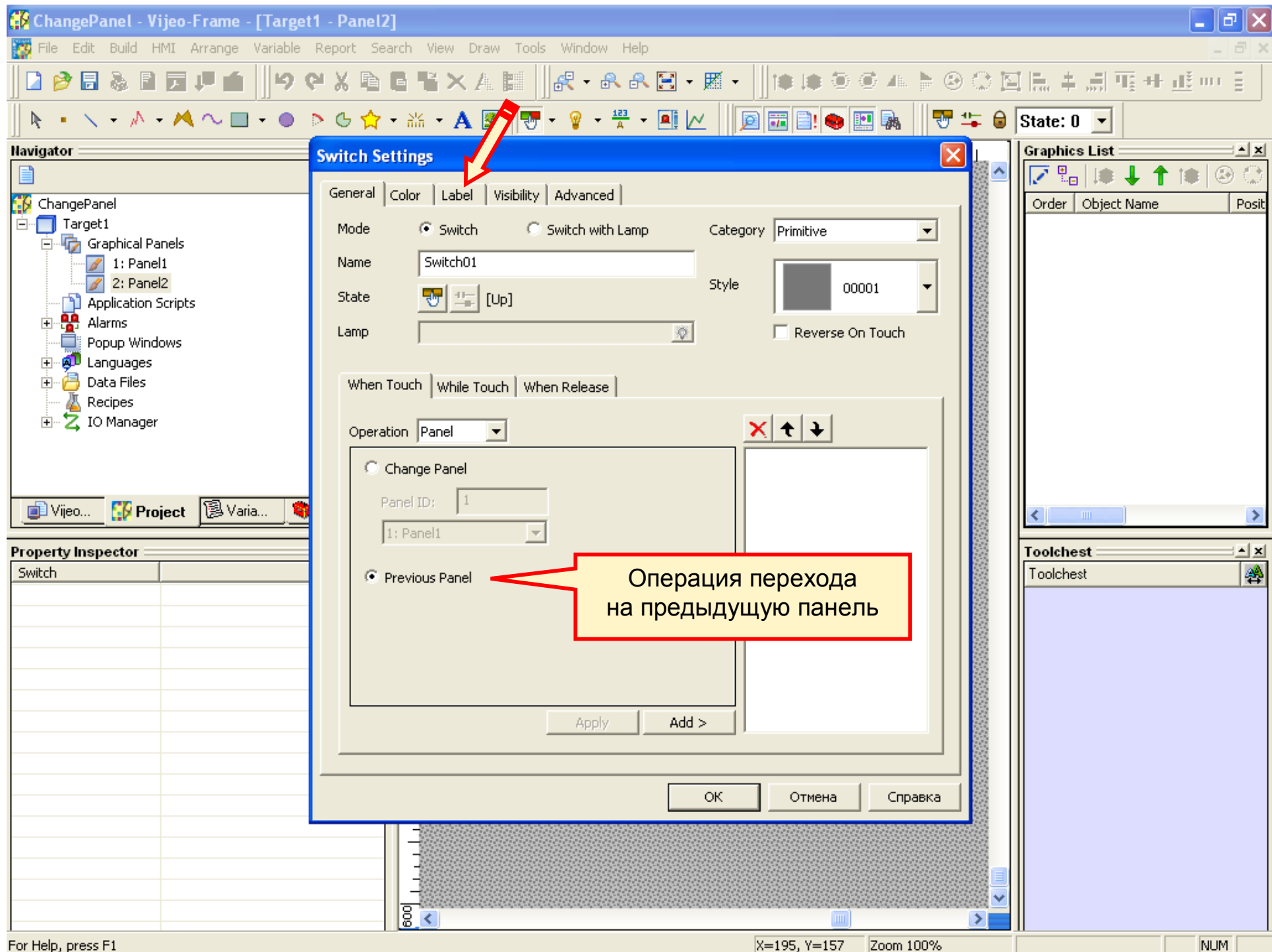


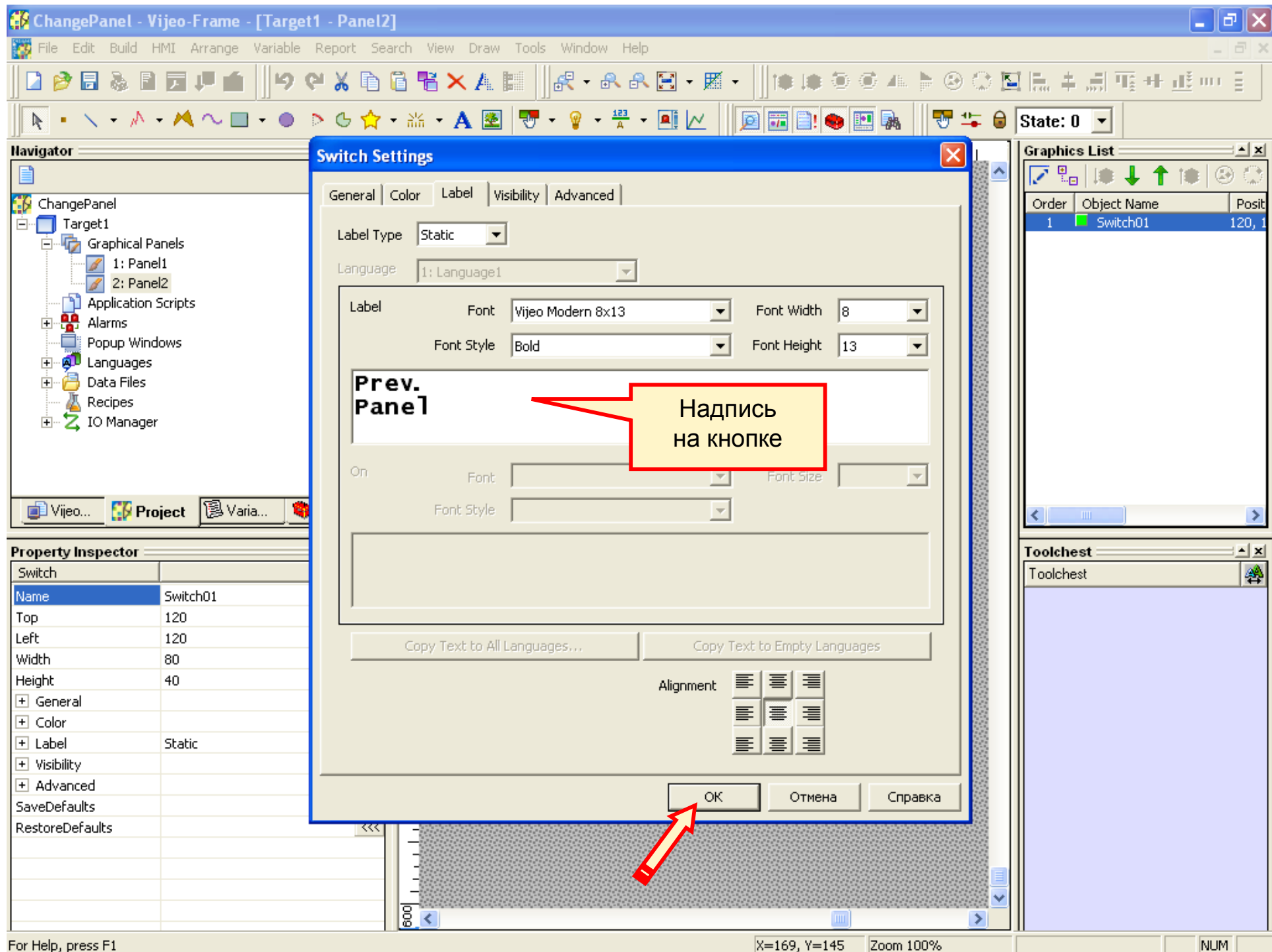












ChangePanel - Vijeo-Frame - [Target1 - Panel2]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- ChangePanel
 - Target1
 - Graphical Panels
 - 1: Panel1
 - 2: Panel2
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Vijeo... Project Varia... Toolc...

Property Inspector

Switch	
Name	Switch01
Top	120
Left	120
Width	80
Height	40
+ General	...
+ Color	...
+ Label	Static
+ Visibility	...
+ Advanced	...
SaveDefaults	>>>
RestoreDefaults	<<<

Graphics List

Order	Object Name	Posit
1	Switch01	120, 1

Toolchest

Toolchest

Prev. Panel

Кнопка перехода на предыдущую панель

Feedback Zone

Build

For Help, press F1

X=427, Y=319 Zoom 100%

NUM

ChangePanel - Vijeo-Frame - [Target1 - Panel2]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

Clean All
Validate All
Build All F7
Clean Target
Validate Target
Build Target
Simulation
Start Device Simulation
Download All
Download Target
Options...

Navigator

- ChangePar
- Target
- Gr
- Ap
- Ala
- Popu windows
- Languages
- Data Files
- Recipes
- IO Manager

Vijeo... Project Varia... Toolc...

Property Inspector

Graphical Panel	
Name	Panel2
PanelID	2
Description	
Width	320
Height	240
Back Color	(0,0,0)
FunctionKeys	...

0 100 200 300 400

0 100 200 300 400

Prev. Panel

Feedback Zone

Build

Graphics List

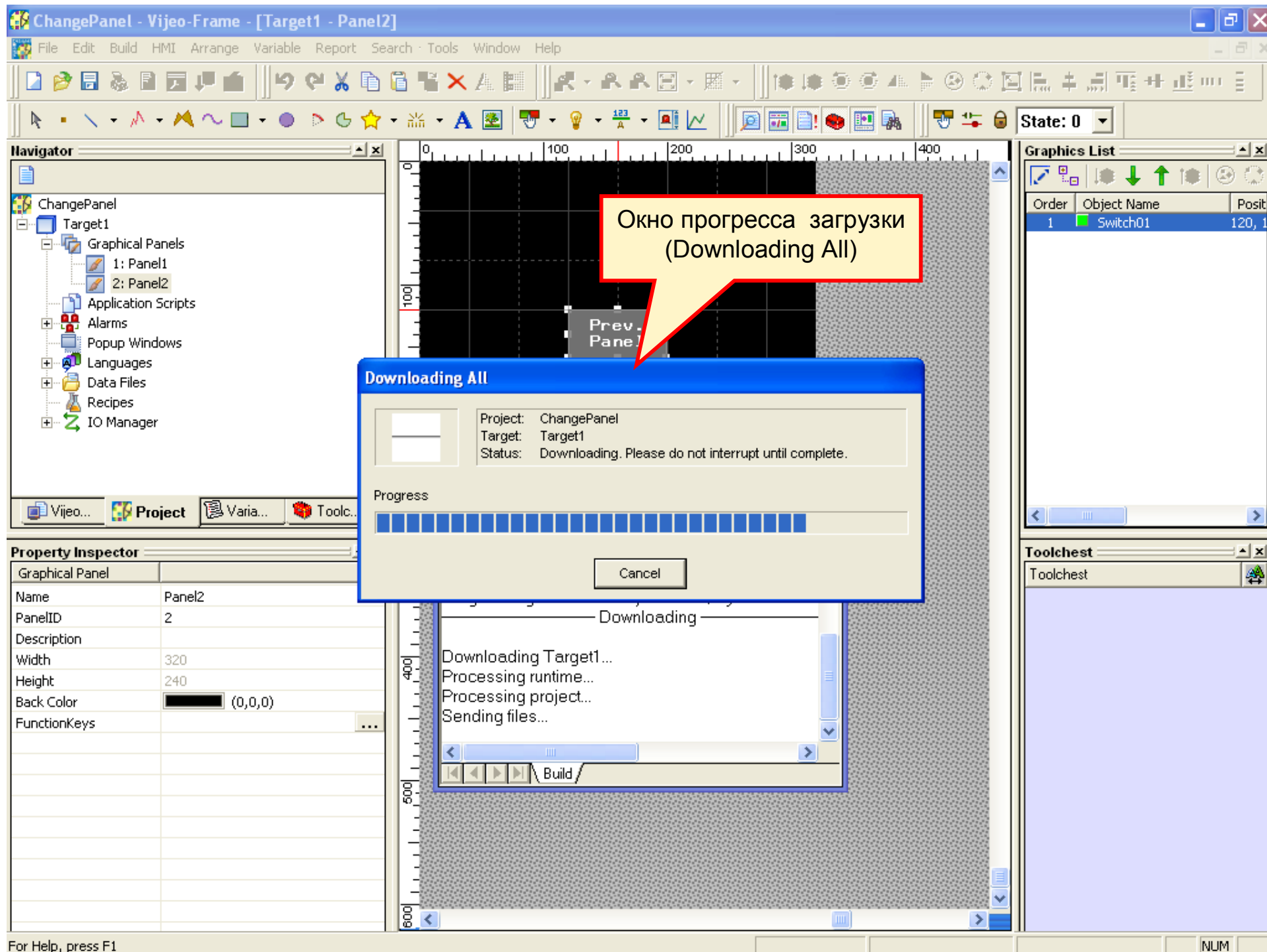
Order	Object Name	Posit
1	Switch01	120, 1

Toolchest

Toolchest

NUM

Downloads the Project to the targets



ChangePanel - Vjeco-Frame - [Target1 - Panel2]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

State: 0

Navigator

- ChangePanel
 - Target1
 - Graphical Panels
 - 1: Panel1
 - 2: Panel2
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Vjeco... Project Varia... Toolc...

Property Inspector

Graphical Panel	
Name	Panel2
PanelID	2
Description	
Width	320
Height	240
Back Color	(0,0,0)
FunctionKeys	...

Graphics List

Order	Object Name	Posit
1	Switch01	120, 1

Toolchest

Toolchest

Prev. Panel

Окно обратной связи (Feedback Zone)

Feedback Zone

Calling romizer
Romizer successful
Build Complete
Target 'Target1' - HMI: Project 24 KB, System 3 251
————— Downloading —————

Downloading Target1...
Processing runtime...
Processing project...
Sending files...
Downloading Complete

Отчет о результатах загрузки

For Help, press F1

X=434, Y=290 Zoom 100%

NUM

Предварительный этап работы
завершен.

Проверьте работоспособность
приложения

Дополним панели текстовыми
блоками (надписями)



ChangePanel - Vjeco-Frame - [Target1 - Panel2]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- ChangePanel
 - Target1
 - Graphical Panels
 - 1: Panel1
 - 2: Panel2
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Property Inspector

Text	
BitmapDisplay	No
Text Color	(255,255,255)
Text Blink	No
3D Color	
3D Blink	No
Back Color	Transparent
Back Blink	No
Line Color	Transparent
Line Blink	No
Line Style	0: SOLID
Line Width	1
LineSpacing	0
HorizontalAlign	Center
VerticalAlign	Middle

Feedback Zone

Calling romizer
Romizer successful
Build Complete
Target 'Target1' - HMI: Project 24 KB, System 3 251
——— Downloading ———
Downloading Target1...
Processing runtime...
Processing project...
Sending files...
Downloading Complete

Graphics List

Order	Object Name	Posit
1	Switch01	120, 1

Toolchest

Toolchest

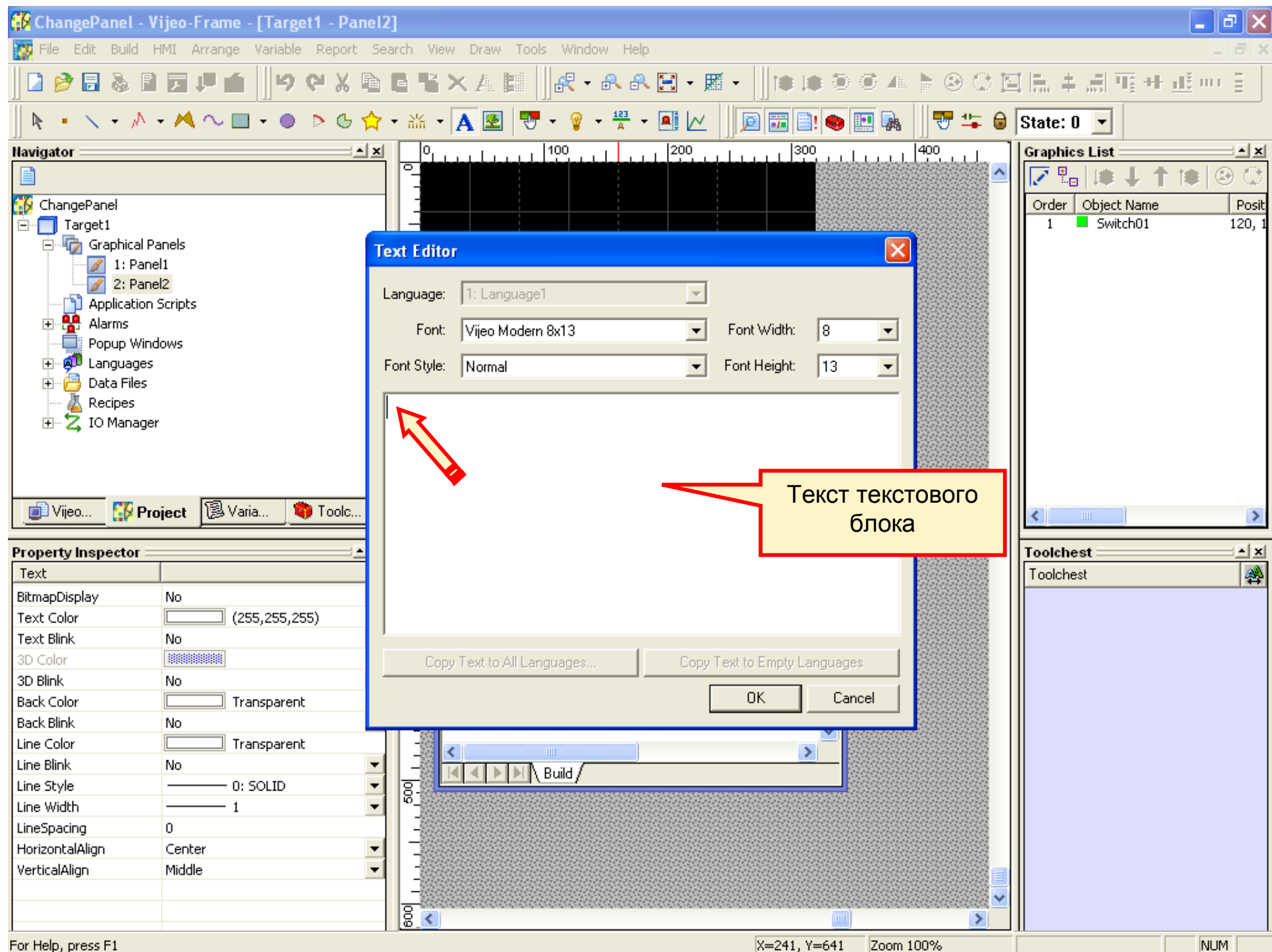
Контур текстового блока

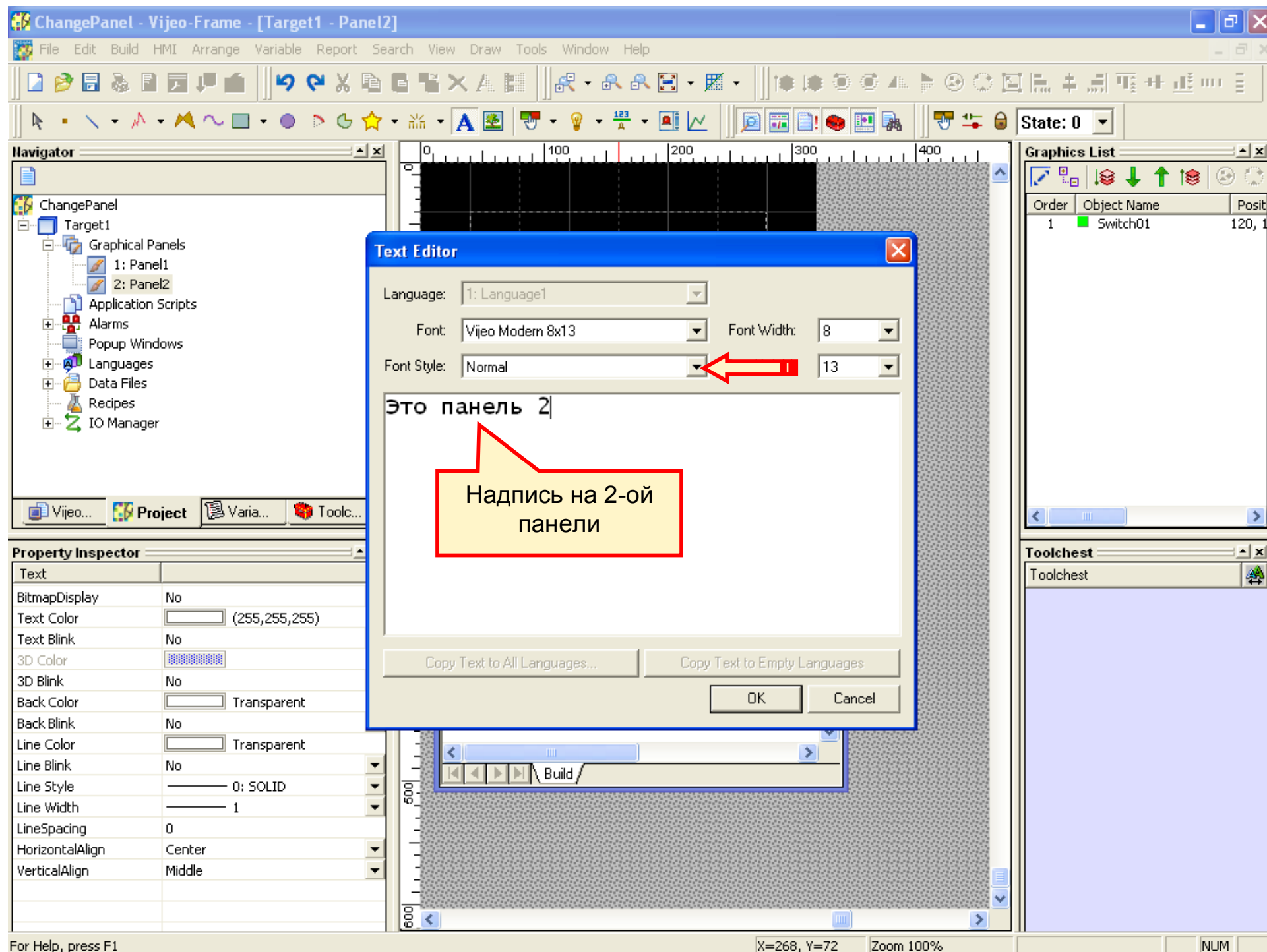
Курсор в виде текста

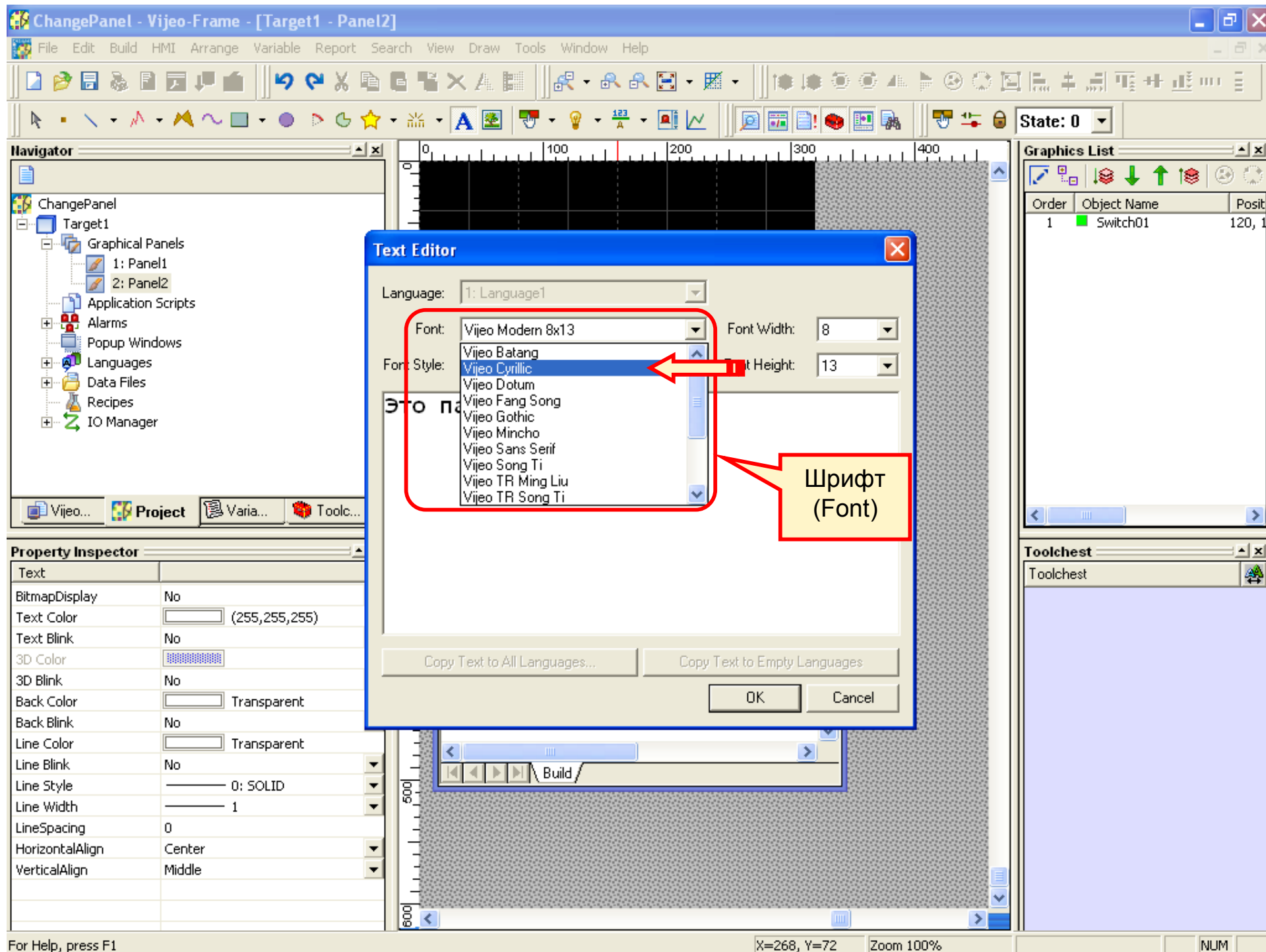
For Help, press F1

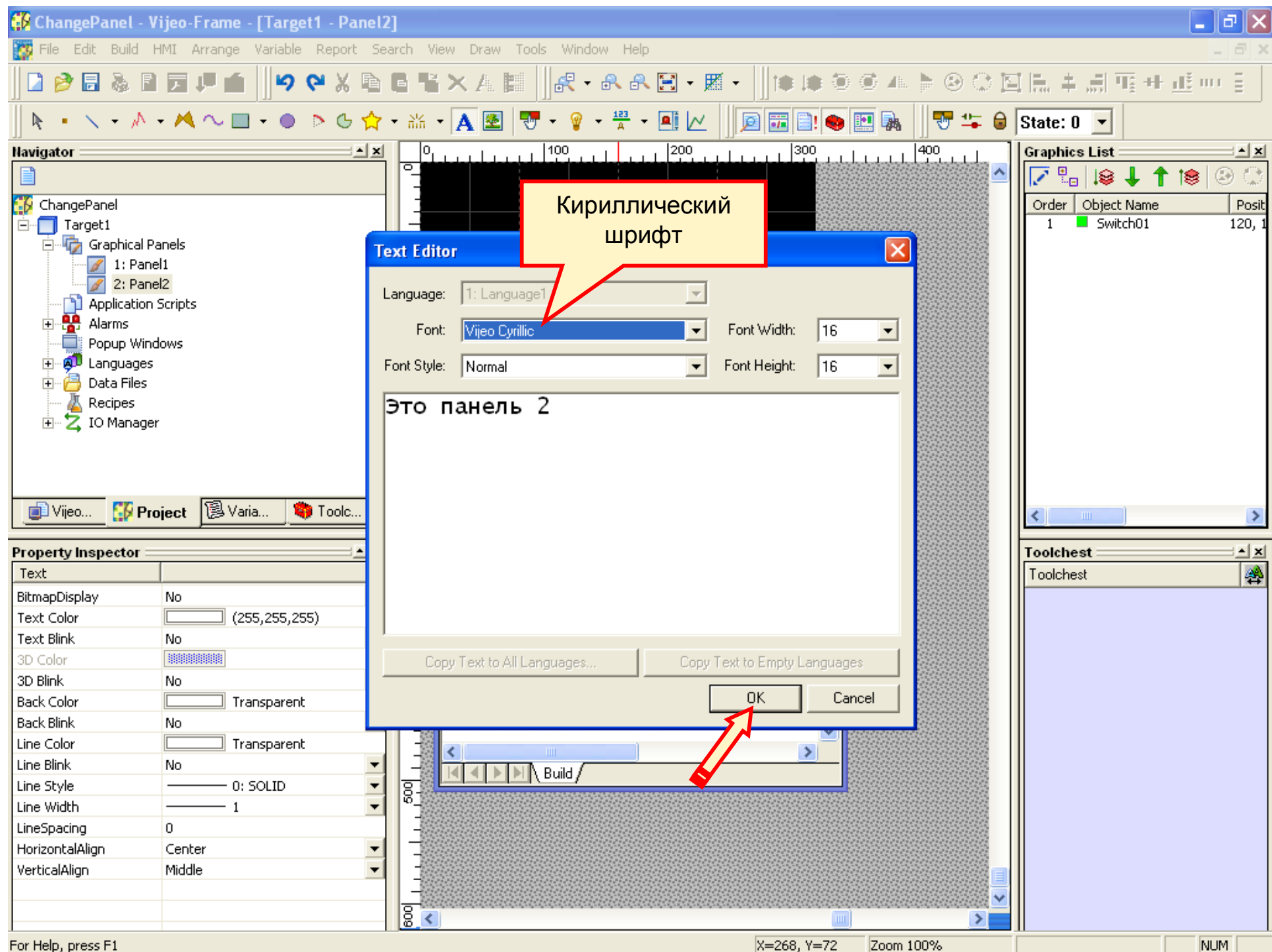
X=282, Y=82 Zoom 100%

NUM









ChangePanel - Vjeco-Frame - [Target1 - Panel2]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- ChangePanel
 - Target1
 - Graphical Panels
 - 1: Panel1
 - 2: Panel2
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Property Inspector

Text	
Name	Text01
Top	40
Left	40
Width	240
Height	40
BitmapDisplay	No
Text Color	(255,255,255)
Text Blink	No
3D Color	
3D Blink	No
Back Color	Transparent
Back Blink	No
Line Color	Transparent
Line Blink	No
Line Style	0: SOLID
Line Width	1

Graphics List

Order	Object Name	Posit
2	Text01	40, 40
1	Switch01	120, 1

Toolchest

Toolchest

Feedback Zone

Calling romizer
Romizer successful
Build Complete
Target 'Target1' - HMI: Project 24 KB, System 3 251
— Downloading —
Downloading Target1...
Processing runtime...
Processing project...
Sending files...
Downloading Complete

Textовый блок на 2-ой панели

For Help, press F1

X=380, Y=20 Zoom 100%

NUM

ChangePanel - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Set

Создайте текстовый блок на 1-ой панели методом «Copy/Paste»

State: 0

Navigator

- ChangePanel
 - Target1
 - Graphical Panels
 - 1: Panel1
 - 2: Panel2
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Vijeo... Project Varia... Toolc...

Property Inspector

Graphical Panel	
Name	Panel1
PanelID	1
Description	
Width	320
Height	240
Back Color	(0,0,0)
FunctionKeys	...

Graphics List

Order	Object Name	Posit
2	Text01	40, 40
1	Switch01	120, 6

Toolchest

Toolchest

Feedback Zone

Calling romizer
Romizer successful
Build Complete
Target 'Target1' - HMI: Project 24 KB, System 3 251
————— Downloading —————

Downloading Target1...
Processing runtime...
Processing project...
Sending files...
Downloading Complete

Build

Текстовый блок на 1-ой панели

For Help, press F1

X=298, Y=156 Zoom 100%

NUM

Работа над проектом
завершена.

Выполните практическое
задание:

Создайте проект, содержащий три панели с кнопками навигации.
Ответьте на вопрос: Операция перехода на предыдущую панель
обеспечивает переход на панель с меньшим на единицу
номером или на предпоследнюю просмотренную панель