

## STEP 7-Micro/WIN

The screenshot displays the STEP 7-Micro/WIN 32 software interface for a project named "Mein\_Projekt". The main window shows a SIMATIC LAD (Ladder Logic) network titled "Network 1" with the comment "start the process". The network contains a normally open contact labeled "start" in series with a normally closed contact labeled "p\_on", which is connected to a set coil (S) for a bit named "1".

The interface includes a menu bar (File, Edit, View, PLC, Debug, Tools, Windows, Help), a toolbar with various icons for file operations and execution, and a project tree on the left. The project tree shows the following structure:

- Mein\_Projekt (CPU 224) (expanded)
  - Program Block
  - Symbol Table
  - SYM1 (SYM1)
  - Status Chart
  - Data Block
  - System Block
  - Cross Reference
  - Communications
  - Instructions
    - Bit Logic
    - Clock
    - Communications

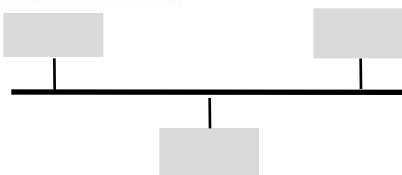
The status bar at the bottom indicates "Ready" and the current position in the network: "Network 1" and "Row 1, Col 1".

# От процесса к проекту

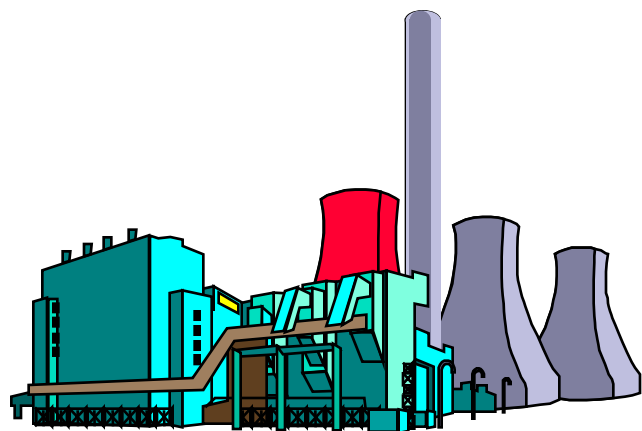


Управление проектом

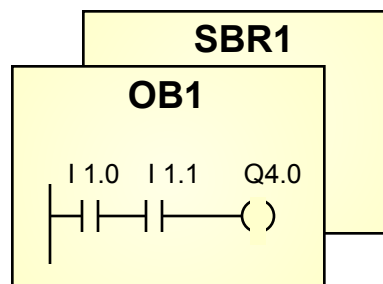
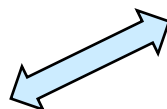
STEP 7-Micro/WIN



Оборудование

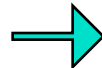


Процесс

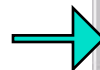
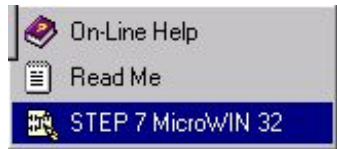


Программ  
ы

# Запуск Micro/WIN



или



## Элементы окна

Панель заголовка

Строка  
меню

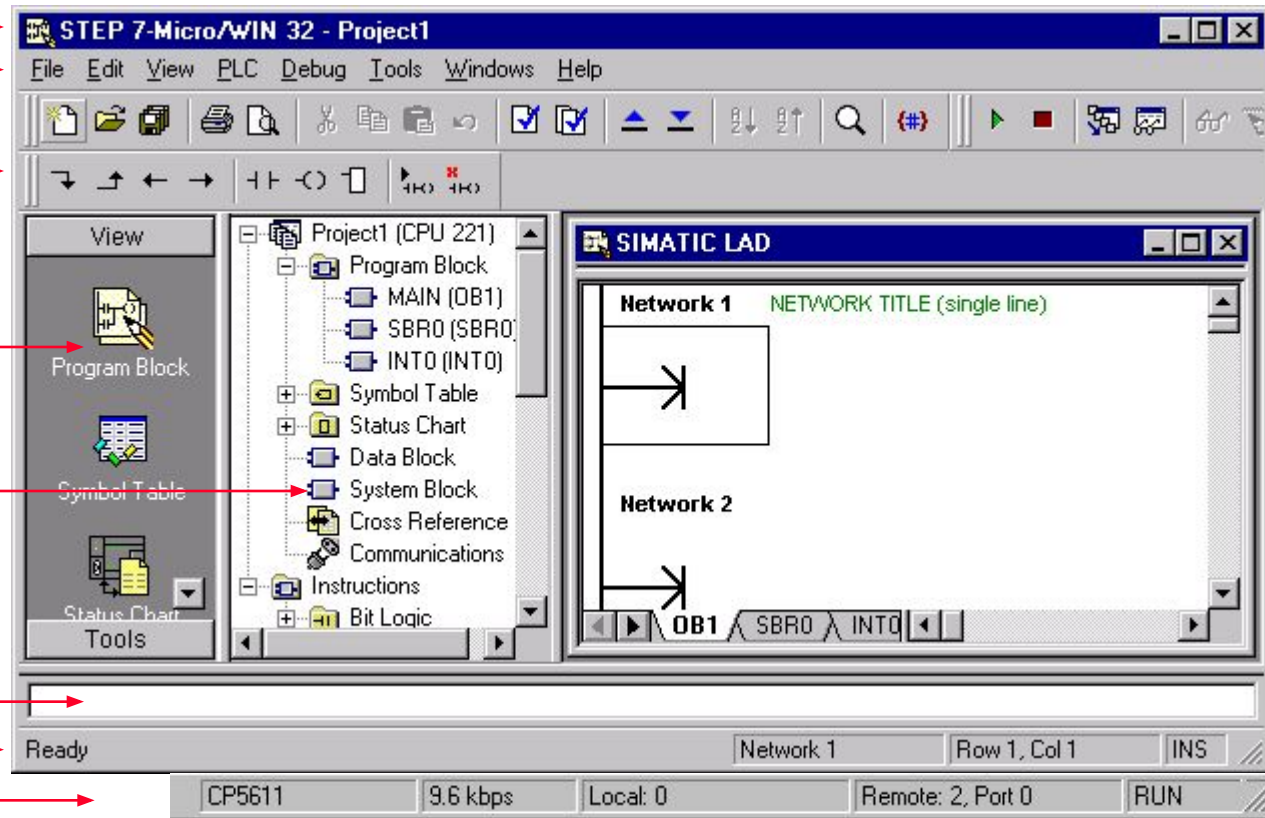
Панель  
инструментов

Панель навигации

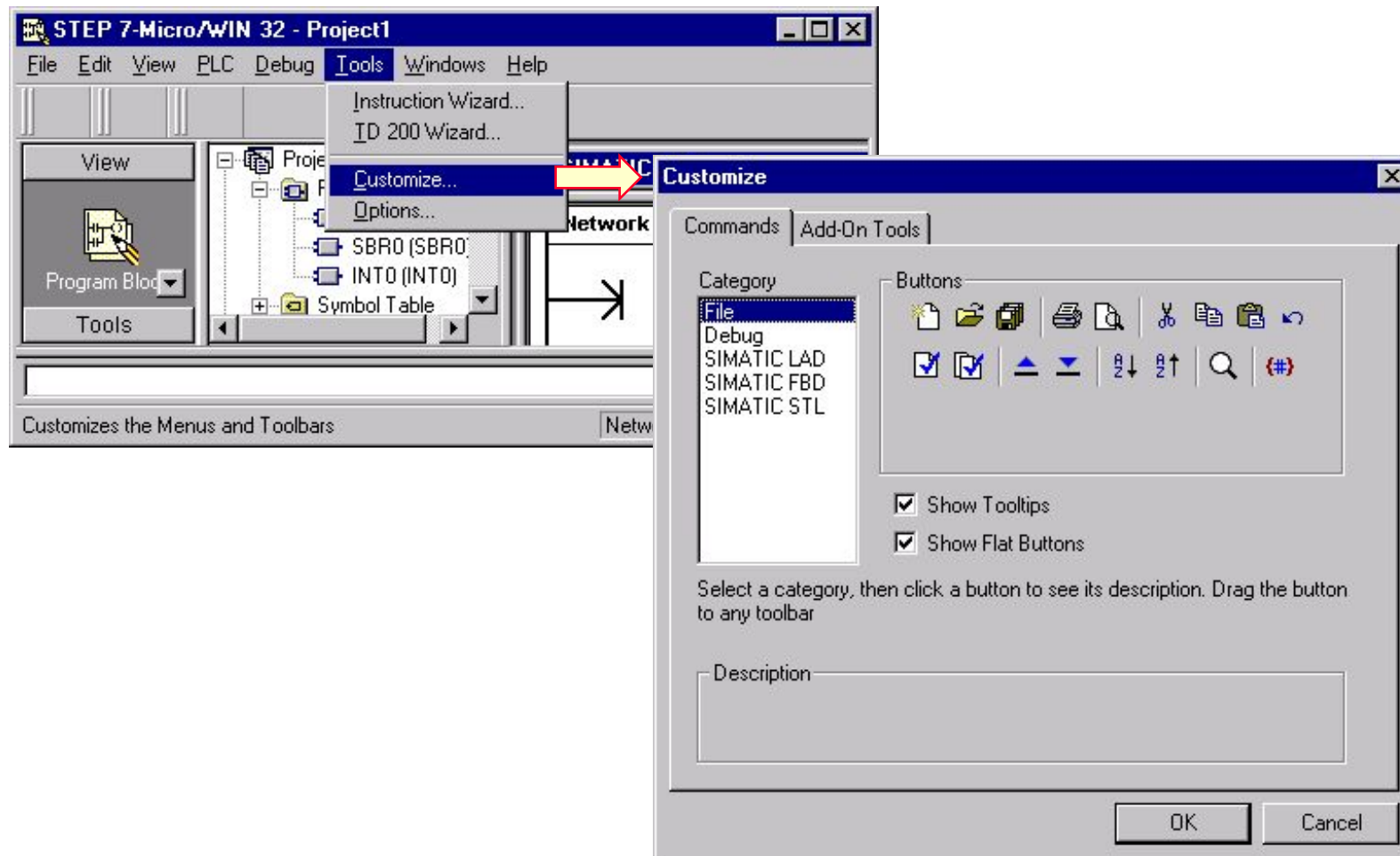
Дерево команд

Окно вывода

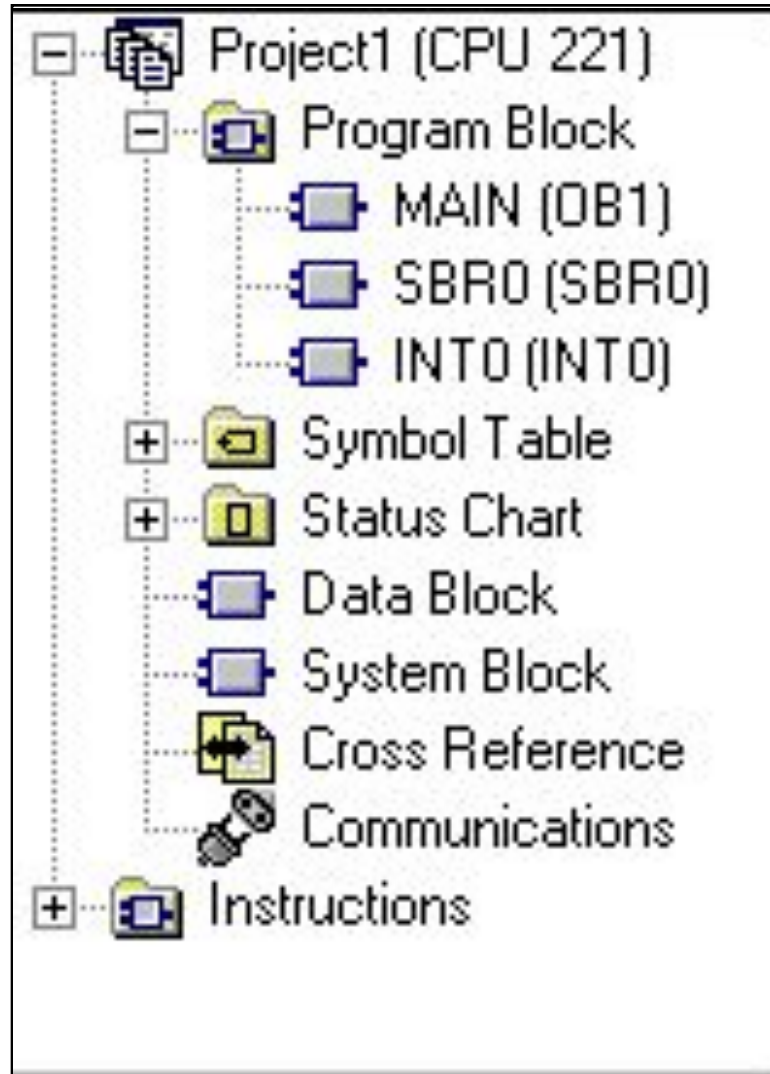
Строка  
состояния



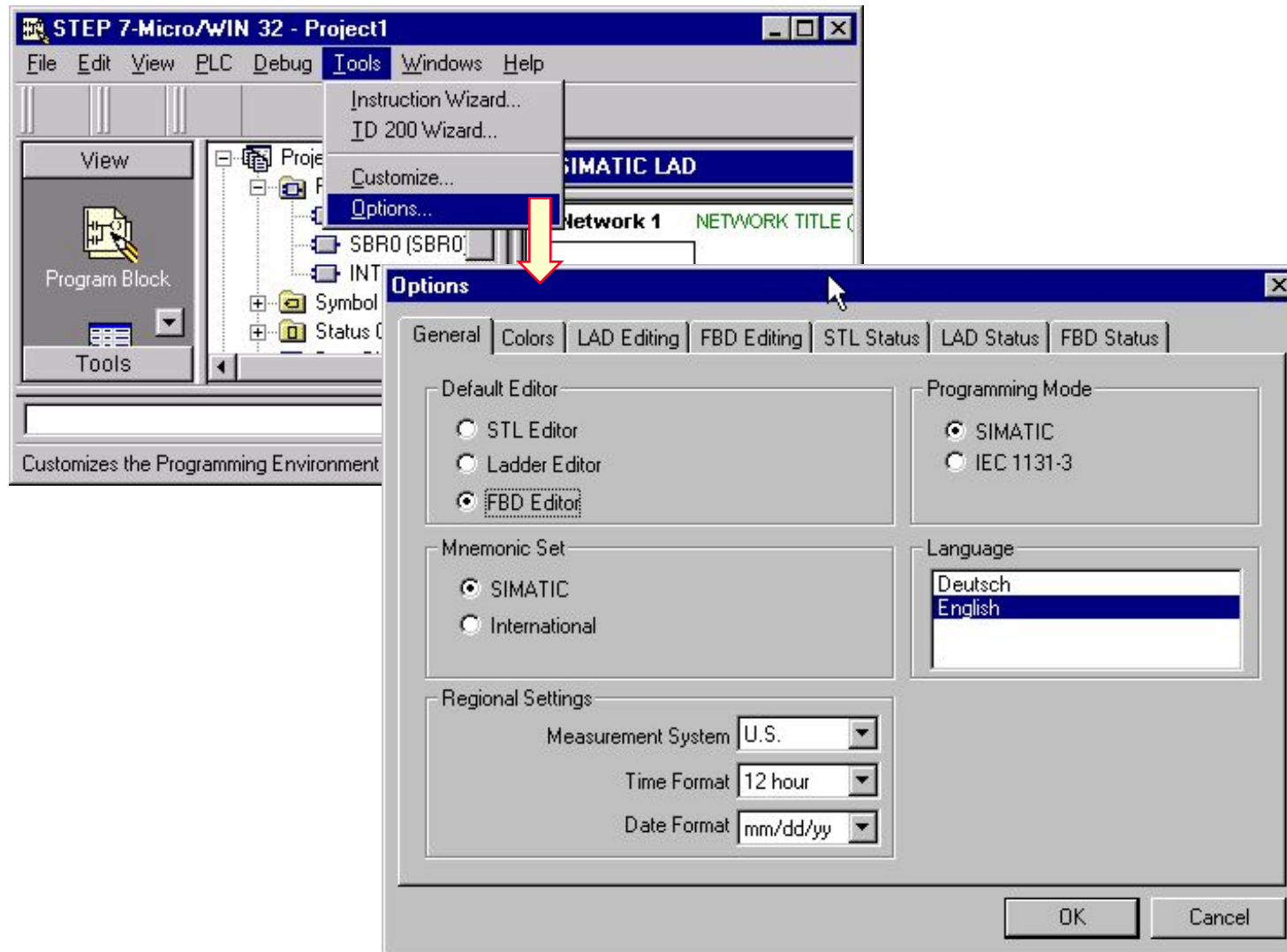
## Панель инструментов



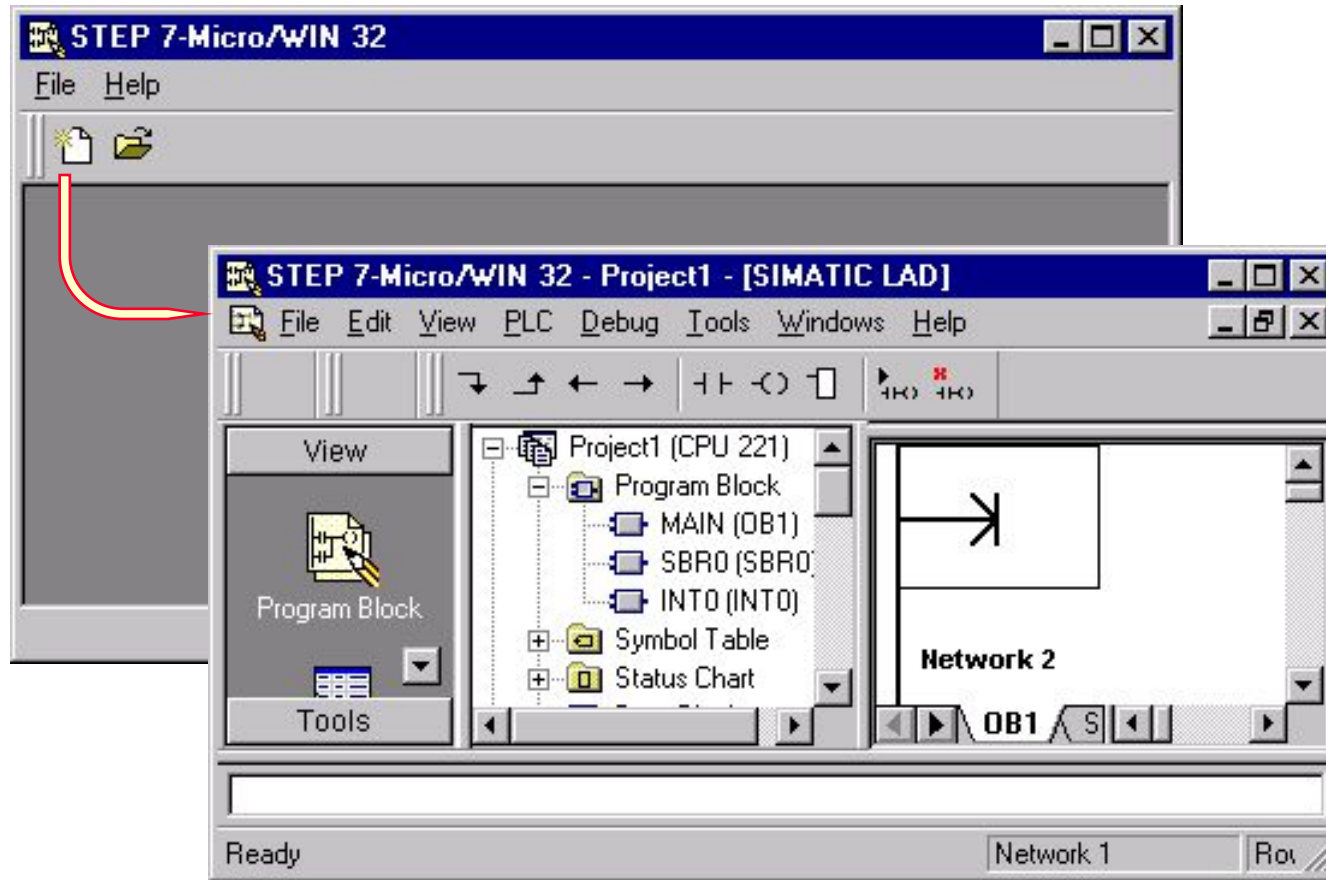
## Структура проекта



## Настройка

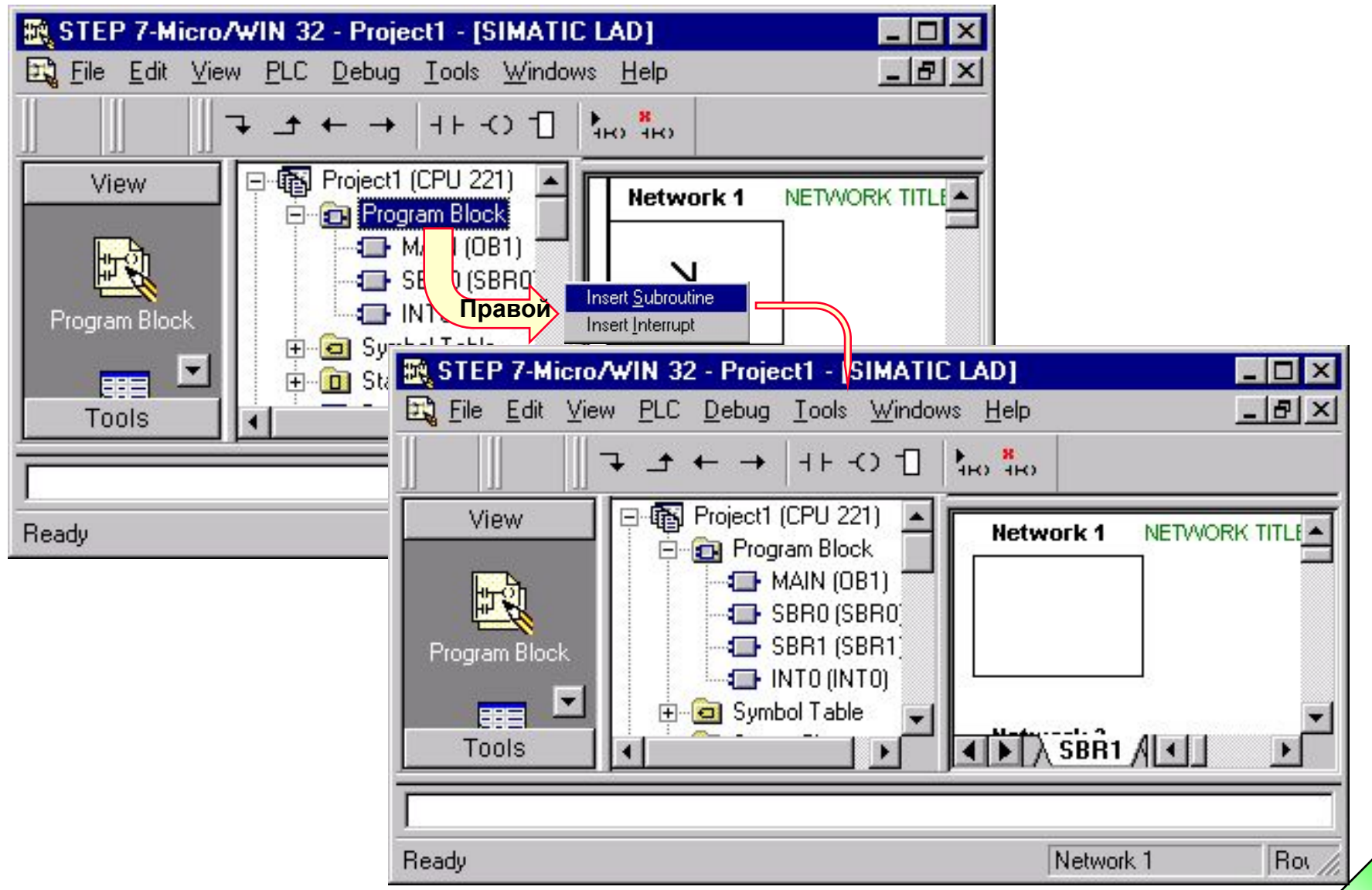


## Создание проекта





## Вставка программного организационного модуля (POU)



## Система помощи Micro/WIN

STEP 7-Micro/WIN 32 - Project1 - [SIMATIC LAD]

File Edit View PLC Debug Tools Windows Help

Contents and Index  
What's This? Shift+F1  
S7-200 on the Web

Project1 (CPU 221)  
Program Block  
MAIN (OB1)  
SBR0 (SBR0)  
INT0 (INT0)  
Symbol Table  
Status Chart

Program Block

Tools

Displays the table of contents for the online documents

Hilfethemen: STEP 7 - Micro/WIN 32

Inhalt Index Suchen

Klicken Sie auf ein Thema und dann auf "Anzeigen". Oder klicken Sie auf ein anderes Register.

- What's New in STEP 7-Micro/WIN 32 Version 3.0
- Getting Started
- Set up Communications
- PLC Operation and Options
- LAD, FBD, and STL Program Editors
- Instruction Sets for LAD, STL and FBD
- How to Use PLC Memory
- SM Special Memory Assignments and Functions
- How to Perform Common Tasks
- Application User Reference
- Error Messages

Anzeigen Drucken... Abbrechen

## Контекстно-зависимая помощь в Micro/WIN

The screenshot displays the Siemens STEP 7-Micro/WIN 32 software interface. The main window shows a Ladder Logic (LAD) network with two normally open contacts labeled 'I0.0' and 'Q0.0'. A red arrow labeled 'F1' points to the help window that is context-sensitive to the selected element.

The help window, titled 'STEP 7 - Micro/WIN 32', displays the following information:

**Standard Contacts (Bit Logic Category)**

| Inputs/Outputs | Operands                               |
|----------------|--|
| bit (LAD, STL) | I, Q, M, SM, T, C, V, S, L             |
| Input (FBD)    | I, Q, M, SM, T, C, V, S, L, Power Flow |
| Output (FBD)   | I, Q, M, SM, T, C, V, S, L, Power Flow |

Additional options: [Memory Ranges](#) [ENO](#) [Errors](#) [Instruction Support for 21x S](#)

The help window also shows a diagram of a normally open contact and a normally closed contact, both labeled 'bit'. The text on the right explains that these instructions can be used in the process and that the normally open contact is equal to 1.

# Упражнение: Создание проекта



The screenshot shows the Siemens STEP 7 software interface. The main window is titled "STEP 7-Micro/WIN 32 - Project1 - [SIMATIC LAD]". It features a menu bar with "File", "Edit", "View", "PLC", "Debug", "Tools", "Windows", and "Help". Below the menu bar is a toolbar with various icons. The main workspace is divided into several panes: a "View" pane on the left showing a "Program Block" icon, a central project tree showing the structure of "Project1 (CPU 221)" with sub-items like "Program Block", "MAIN (OB1)", "SBR0 (SBR0)", "INTO (INT0)", "Symbol Table", and "Status Chart", and a right-hand editor pane showing "Network 2" with a right-pointing arrow symbol. The status bar at the bottom indicates "Ready" and "Network 1".