

Lecture 1 Workbook

Introduction

Contents

SAP LOGON	2
SAP LOGON OPTIONS	3
HOW TO CREATE NEW SAP LOGON CONNECTION ENTRY	4
SAP OVERVIEW AND NAVIGATION	5
LOGGING ON:	5
LOGGING OFF:	7
TRANSACTION CODE	7
OBJECT NAVIGATOR	9
BROWSER SELECTION	10
RESTRICTING BROWSER SELECTION	10

SAP Logon

The SAP Logon is the Windows program that you use to log on to SAP Systems on Windows PCs. It mediates between the SAP System and the SAP GUI user interface. The SAP Logon displays a list of available SAP Systems and automatically selects servers with the best current response times. You can add available systems or servers to this menu.

When you log on to the SAP System, you can:

- Log on to a specific application server.
- Log on to a group. In this case, the application server with the best response time is selected automatically.

From Release 4.6A, when you log on to the SAP Logon, the SAP Logon icon is displayed in the system tray of the system taskbar (in the bottom right-hand corner of the screen). You can maximize or minimize the SAP Logon by clicking the icon using the left mouse button.

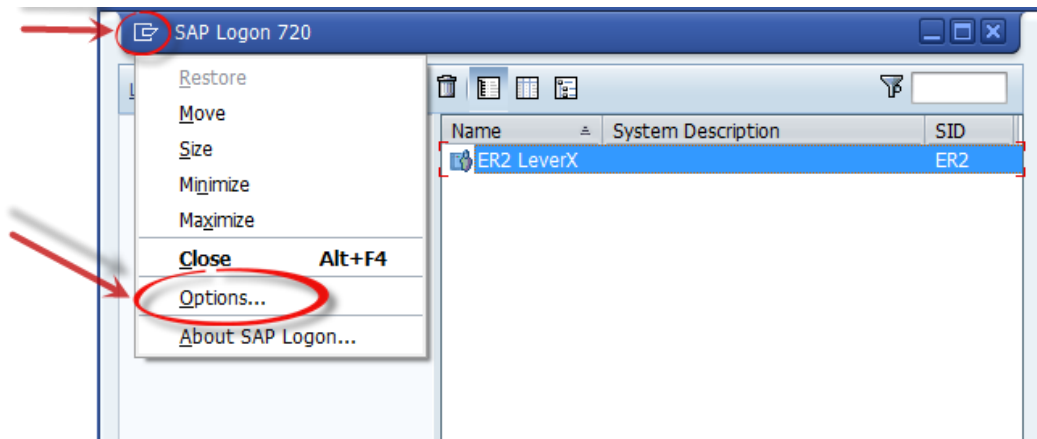
If you click the icon using the right mouse button, you can display a list of connections to SAP Systems that are already open.

From 4.6A you can also use the mouse to increase the size of the SAP Logon. This enables you to see all of the following information:

- Description of the SAP System and its system ID
- The group or server
- The system number
- The message server
- SAP routers.

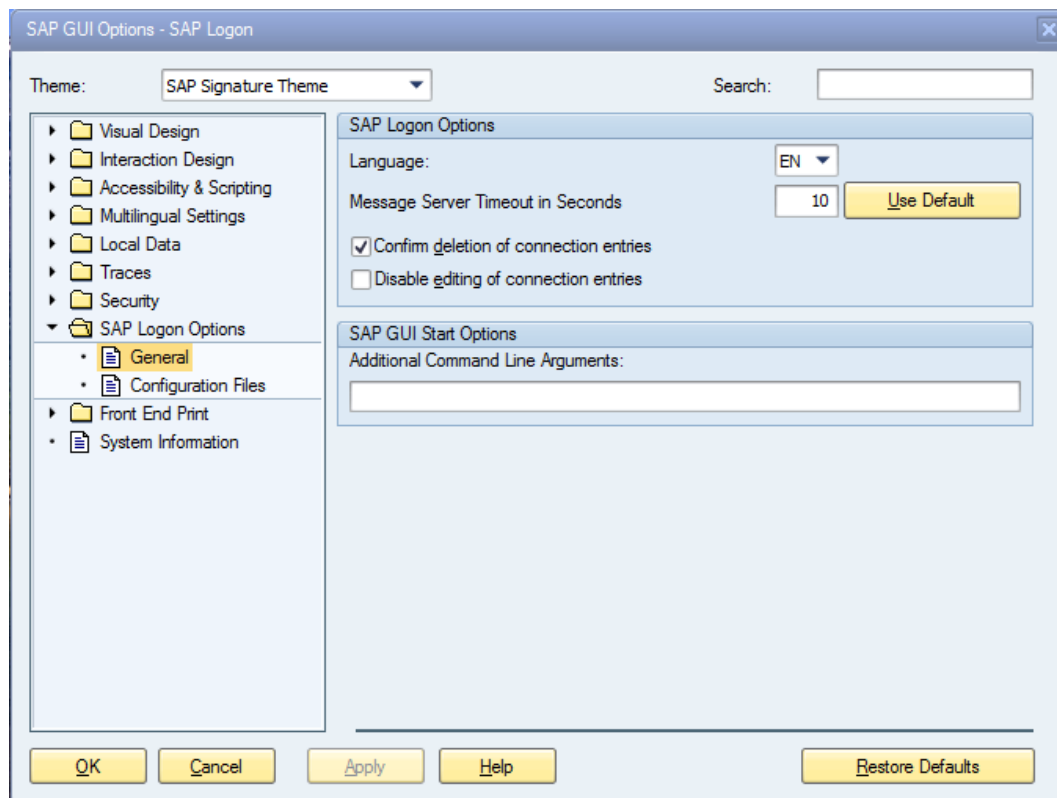
SAP Logon options

Click on the Top Left Corner of the SAP Logon 720 and choose OPTIONS. Select SAP LOGON OPTIONS from options tree.



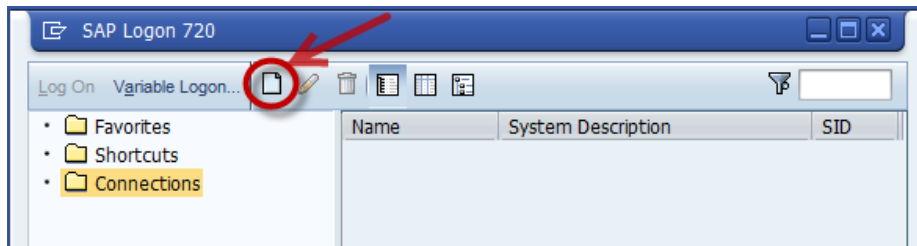
You can change settings that are described below in the SAP LOGON OPTIONS dialog box, also you can change all other options for SAP GUI. Choose OK to return to the initial screen of the SAP Logon.

When you change the SAP Logon language, the system asks you to restart the SAP Logon that is affected by the new language setting. You should then close the SAP Logon and restart it.



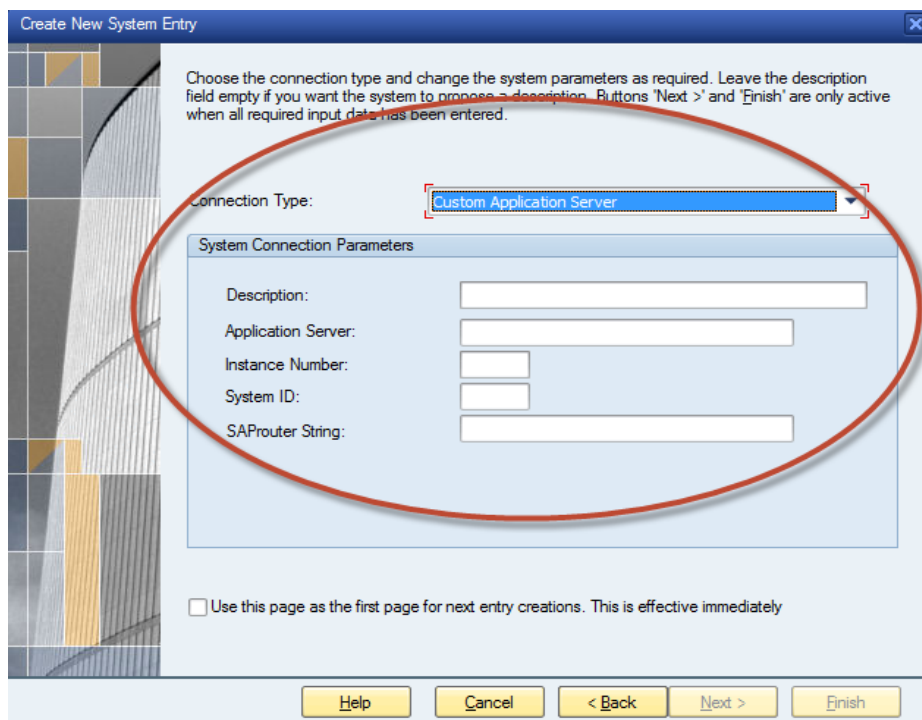
How to create New SAP Logon Connection Entry

1. Open your SAP Logon. Click on **NEW (Paper Icon)**.

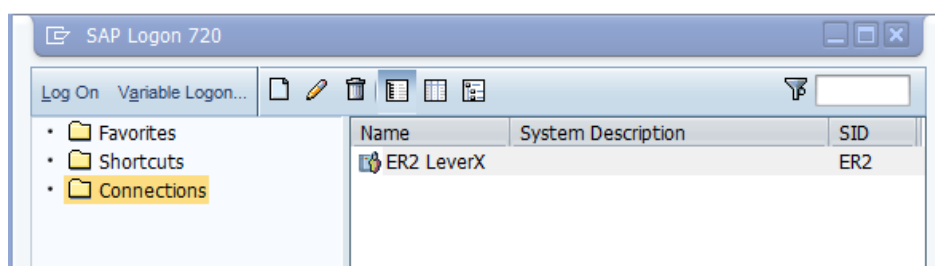


2. Skip the first window by clicking on NEXT.
3. Choose CONNECTION TYPE: CUSTOM APPLICATION SERVER. Fill the following connection parameters: DESCRIPTION, APPLICATION SERVER, INSTANCE NUMBER, SYSTEM ID.

Click FINISH (all subsequent pages remain unchanged).

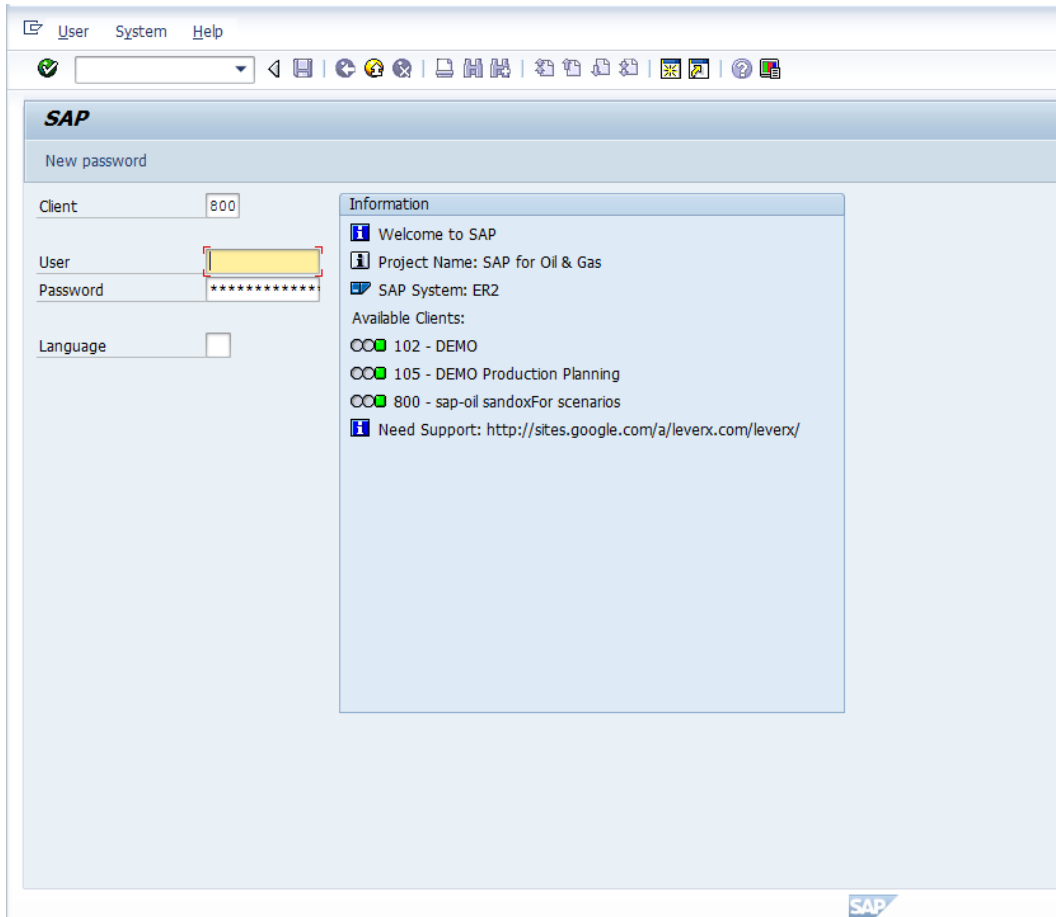


It's done.



SAP Overview and Navigation

Logging On:

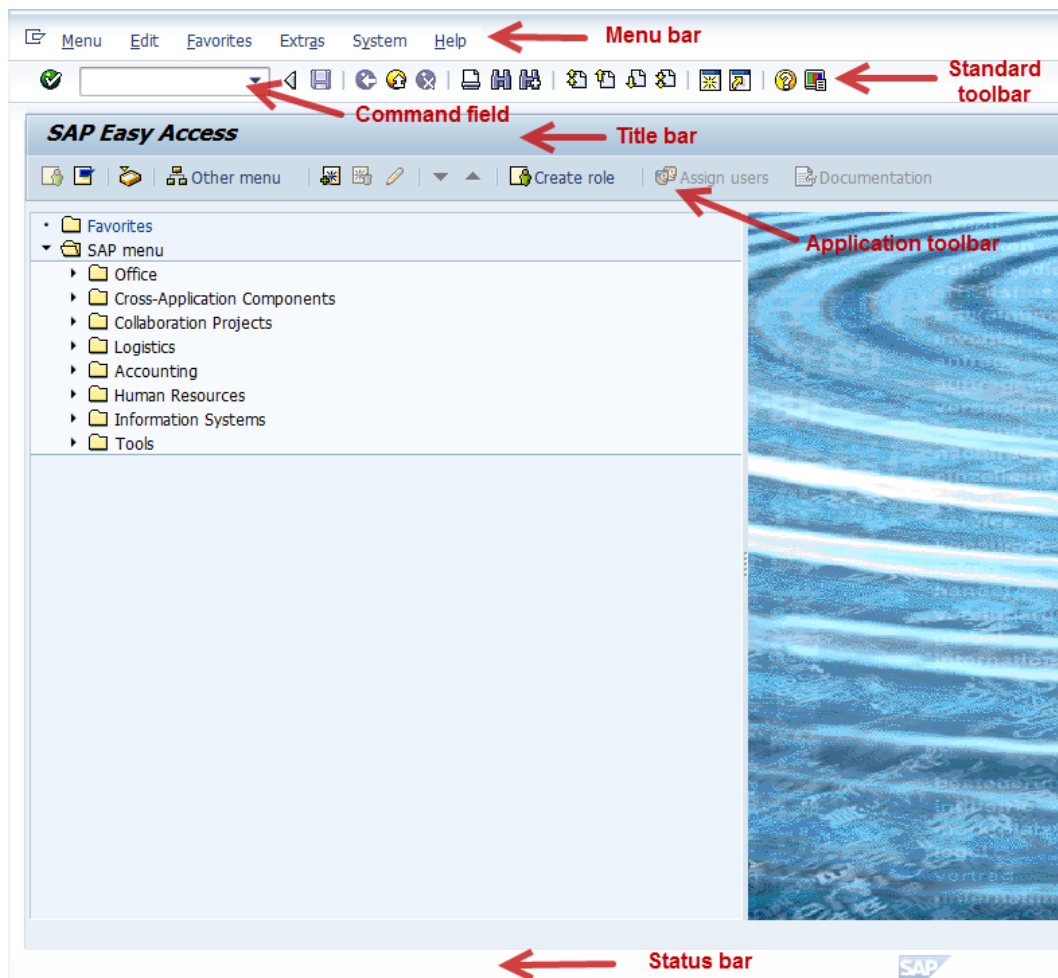


The screenshot shows the SAP login interface. At the top, there is a menu bar with 'User', 'System', and 'Help'. Below it is a toolbar with various icons. The main area is titled 'SAP' and contains a 'New password' link. The login fields are: 'Client' (with a dropdown menu showing '800'), 'User' (with a text input field), 'Password' (with a masked input field), and 'Language' (with a dropdown menu). To the right of the login fields is an 'Information' panel containing the following text:

- Welcome to SAP
- Project Name: SAP for Oil & Gas
- SAP System: ER2
- Available Clients:
 - 102 - DEMO
 - 105 - DEMO Production Planning
 - 800 - sap-oil sandoxFor scenarios
- Need Support: <http://sites.google.com/a/leverx.com/leverx/>

When logging on to an SAP system, you will be prompted to enter the user and password. You also have the option of specifying a client when logging on; the client field usually already contains an appropriate default value, you can also select a logon language supported by that system. SAP systems can support a large number of languages, the minimum being English and German language.

A SAP initial screen has following standard layout and elements:



MENU BAR:

The Menu bar is the top line of any dialog window in the SAP system.

STANDART TOOLBAR:

Standard functions that are available in displayed in this toolbar. The applications like save, top of page, end of page, page up, page down, print, etc.

TITLE BAR:

Displays the name of the application/business process you are currently in.

APPLICATION TOOLBAR:

Application specific menu options are available on this toolbar.

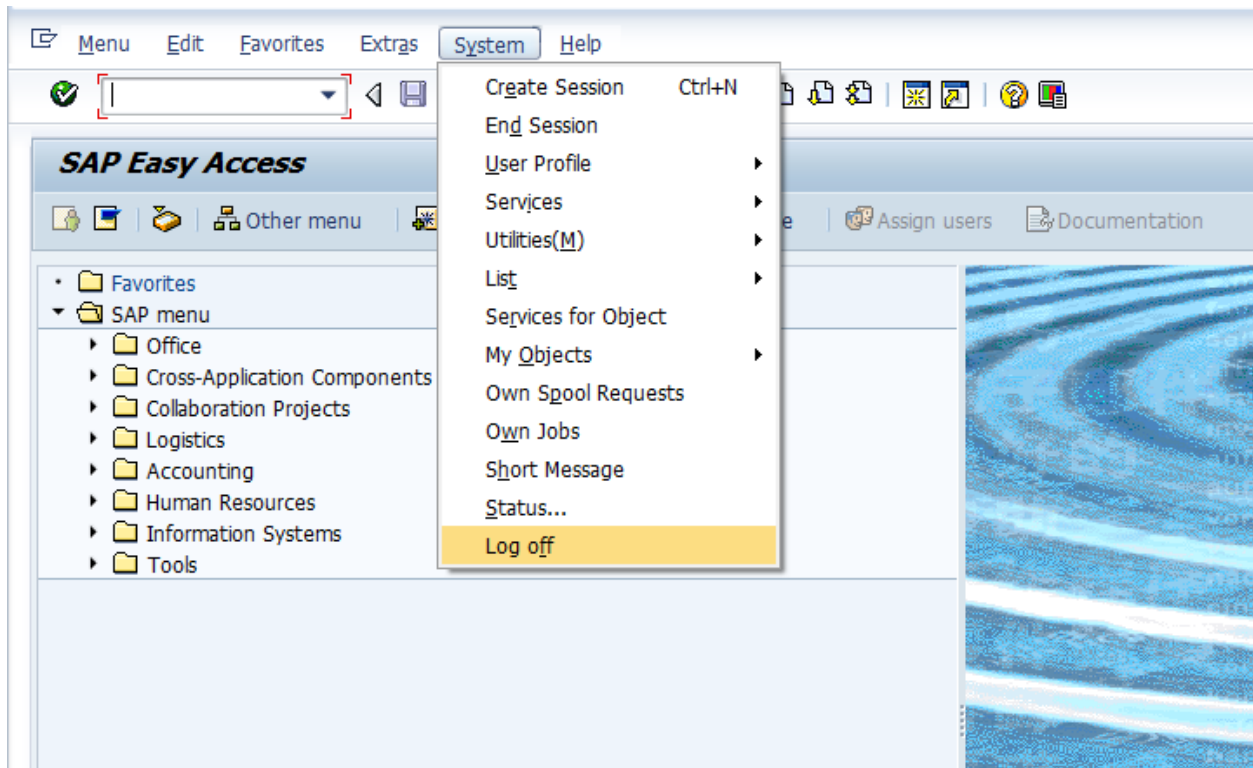
COMMAND FIELD:

To start a business application without having to navigate through the menu transaction codes are assigned to the business processes. Transaction codes are entered in the command field to directly start the application.

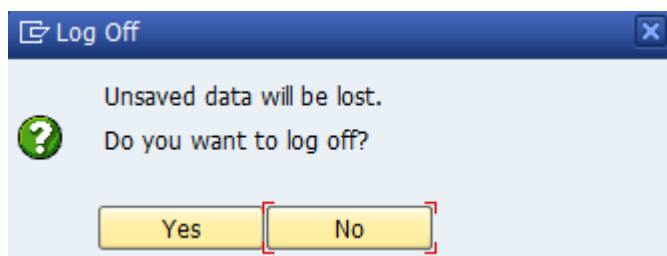
Logging Off:

It is a good practice to log off from the SAP system when you finish your work. There are several ways of login off from the system:

- From Menu, select SYSTEM -> LOG OFF
- Close the open sessions and the last session will log you off
- Enter /nex in the command field

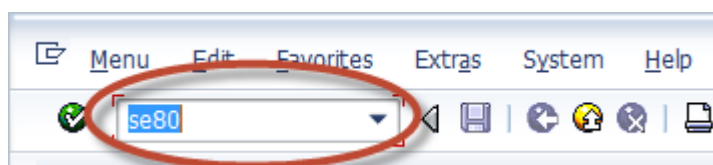


Before the system logs you out, a dialog box will be displayed to confirm you want to log off from the system, except for the option /NEX in the command field.



Transaction code

Each function in the SAP system has a transaction code associated with it. A transaction code consists of letters, numbers, or both. You use a transaction code to go to any task in a Sap application faster. By entering a transaction code instead of using the menu, you go to a task and start the function in a single step.



Some useful transaction codes for ABAP developers:

Transaction code	Description
ABAPDOCU	Example Library
ABAPHELP	Keyword Documentation
DWDM	Development Workbench Demos
SE11	ABAP Data Dictionary
SE16	Data Browser
SE37	Function Builder
SE38	ABAP Editor
SE80	ABAP Workbench
SE91	Message Maintenance
SE93	Maintain Transaction

Listed below are the commands used in combination with the transaction codes:

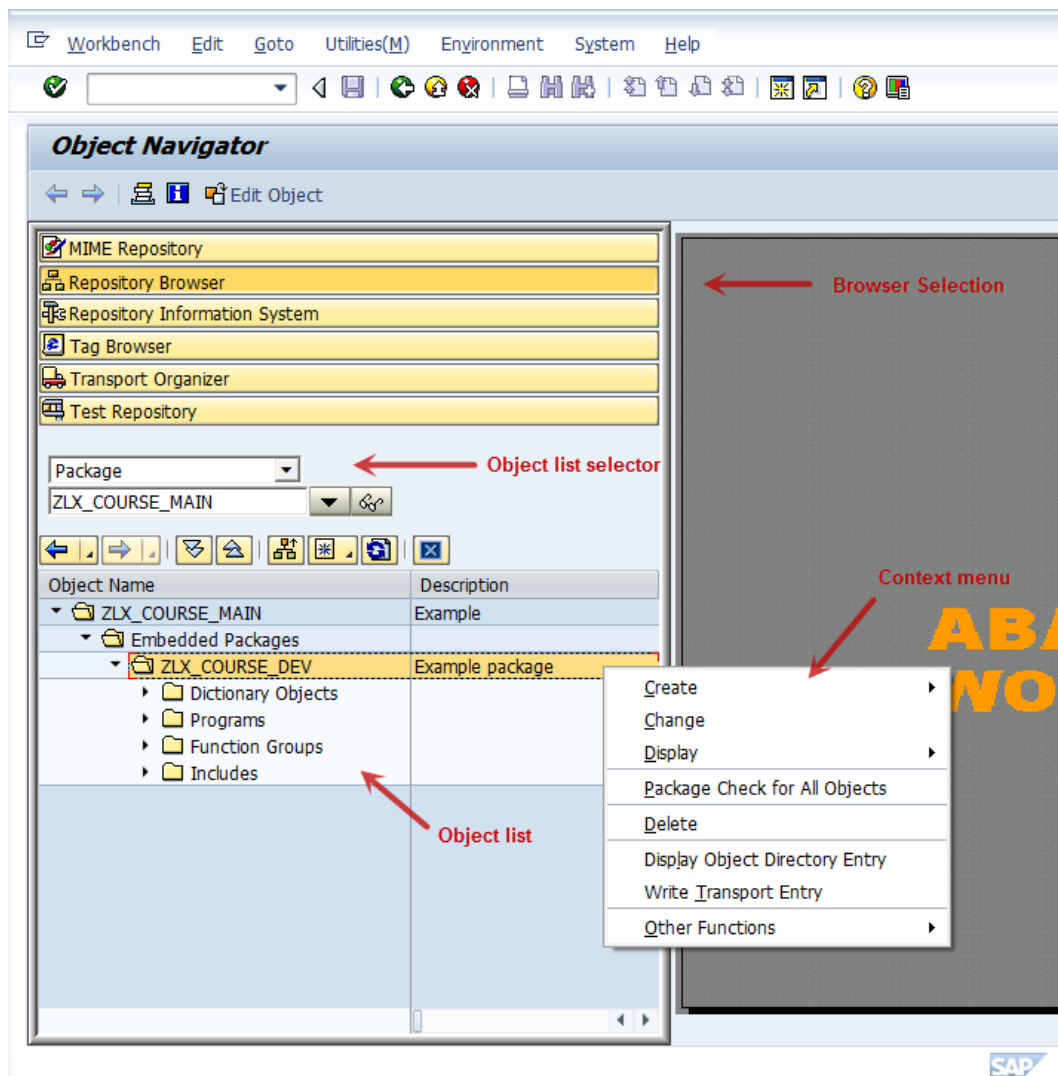
Command + Transaction code	Description
/n + Transaction code	End current system task and go to new system task
/o + Transaction code	Create a new session and go to new system task without closing prior session
/o	List open sessions
/i or /nend	Log off

Object Navigator

The Object Navigator is a central point of entry into the ABAP Workbench. It is the successor of the Repository Browser, and you can access it using transaction SE80.

You use the Object Navigator to organize your programming in an integrated development environment. Development objects are arranged together in object lists. Each object list contains all of the objects in a certain category, such as package, program and global class.

From the object list, you can select an object by double-clicking it. When you open an object, the Workbench calls up the development tool with which the object was created.



Browser Selection


You can choose one of the following browsers in SE80:

MIME Repository	Displays all directories with MIME objects that were imported into the current system The Public folder is always output. A selection of BSP applications is also given.
Repository Browser	This browser is initially used when you start SE80. It outputs Repository objects in the form of object lists. The objects are selected by category (packages, programs, classes, local objects, etc.)
Repository Information System	Displays all the objects of the information system without pre-selection.
Tag Library	Displays tags for Web applications. You can limit the list to the relevant tag in ITS-based applications or in BSP applications by pre-selection.
Transport Organizer	Outputs Transport Organizer requests in the current system.

Restricting Browser Selection

The keys for all 6 browsers are displayed by default in the navigation area of SE80. However, you might want to restrict the navigation area to certain browsers since the others are not used frequently.

To restrict the selection:

1. Choose UTILITIES ☐ SETTINGS and click on WORKBENCH (GENERAL).
2. Deselect the corresponding checkboxes under BROWSER SELECTION.
3. Select  to copy the settings.

The new filter settings take effect immediately.