MICHAEL MANAGEMENT

ABAP Cheat Sheet

This document gives developers a consolidated list of Tcodes and shortcuts to expedite development.

SYSTEM FIELDS

Field	Description
SY-UNAME	Current user name
SY-DATLO	Local user date
SY-TIMLO	Local user time
SY-INDEX	Current number of loop pass
SY-TABIX	Last addressed table line
SY-TCODE	Current transaction
SY-REPID	Name of current program
SY-SUBRC	Return value of a command

COMMON TCODES

IDOCs

BD64	Distribution Model
BD87	Select IDoc, ALE Messages
WE02	IDoc List
WE19	Test Tool for IDoc
WE20	IDoc Communication Partner Profiles
WE21	Ports in IDoc
WE30	Develop IDoc Types
WE02	IDoc List
WE19	Test Tool for IDoc
WE20	IDoc Communication Partner Profiles
WE21	Ports in IDoc
WE30	Develop IDoc Types
SM59	RFC Connection Maintenance

DATABASE TABLE

SE11	ABAP Dictionary
SE14	Database Utility
SE15	Repository
SE16	Table Data Browser
SE16n	General Table Display
SM30	Table maintenance

ENHANCEMENTS AND CLASSES

Tcode	Description
SE18	BAdI Builder Definition
SE19	BAdI Builder Implementation
CMOD	SAP Enhancement Project Management
SMOD	SAP Enhancement
SE24	Class/Interface Builder

RUNTIME ERRORS, MAINTENANCE AND BACKGROUND JOBS

Tcode	Description
SE30	Runtime Analysis
ST22	ABAP Runtime Error
SM36	Define Background Job
SM37	Execute Background Job
SM49	Execute Application Server Commands
SE92	System Log Message maintenance

</> OTHER ABAP RELATED TCODES

Field	Description
AL11	Application Server Directories
BAPI	Business App Programming Interface
SE09	Transport Organizer
CG3Y	Download Files from Application Server
CG3Z	Upload File to Application Server
SMARTFORMS	Smart Forms Initial Screen
SPRO	Customizing
SHDB	Batch Input Transaction Recorder
SE32	Text Elements in Programs/Classes
SE37	Function Modules
SE39	Split Screen ABAP Editor
SE41	Menu Painter
SE63	Standard Translation Environment
SE80	Object Navigator
SE83	Reuse Library
SE93	Transaction maintenance
SE91	Message maintenance

MICHAEL MANAGEMENT

ABAP Cheat Sheet
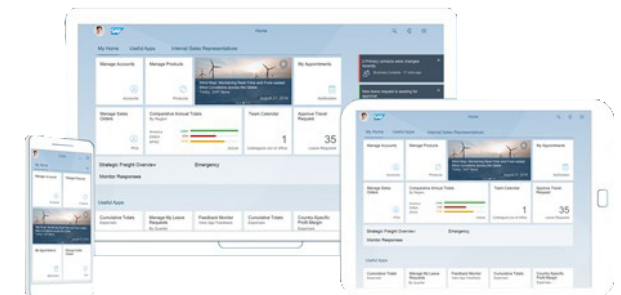
WebIDE Shortcuts

Action	Windows Keyboard Shortcut
New file	Ctrl + Alt + N
New folder	Ctrl + Alt + Shift + N
New project	Ctrl + Alt + Shift + O
New extension project	Ctrl + Alt + Shift + E
Close file	Alt + W
Close all files	Alt + Shift + W
Save file	Ctrl + S
Save all files	Ctrl + Shift + S
Show Code Completion Suggestions	Ctrl + Space
Undo	Ctrl + Z
Redo	Ctrl + Y
Cut	Ctrl + X
Copy	Ctrl + C
Paste	Ctrl + V
Rename file or folder	F2
Delete	Del
Show/Hide all characters	Ctrl + I
Toggle line comment	Ctrl + /
Toggle block comment	Ctrl + Shift + /
Add to-do comment	Ctrl + Alt + T
Indent line	Tab
Outdent line	Shift + Tab
Move lines up	Alt + Up Arrow
Move lines down	Alt + Down Arrow
Copy lines up	Alt + Shift + Up Arrow

Eclipse Shortcuts

Action	Windows Keyboard Shortcut
Deletes the selected codeline	Ctrl + D
Deletes the content from the cursor position to the end of the line	Ctrl + Shift + Delete
Deletes the next word in the editor	Ctrl + Delete
Deletes the previous word in the editor	Ctrl + Backspace
Moves the selected codelines up/down in the editor	Alt + UP/DOWN
Duplicates Codelines before/after the selected codeline	Ctrl + Alt + UP/DOWN
Scrolls Line up/down	Ctrl + UP/DOWN
Adds a new line below the current line and positions the cursor in that line	Shift + Enter
Adds a new line above the current line and positions the cursor in that line	Ctrl + Shift + Enter
Undo changes	Ctrl + Z
Rename the selected object, e.g. variable, method, class	Alt + Shift + R
Comments/Uncomments selected code in the editor	Ctrl + 7
Formats the source code (Pretty Printer)	Shift + F1
Formats the marked source code or source code block (e.g. method)	Ctrl + Shift + F1
Creates new development object	Ctrl + N
Convert marked editor content to upper case	Ctrl + Shift + X
Convert marked editor content to lower case	Ctrl + Shift + Y
Unlock Editor	Ctrl + U
Jump to line in editor	Ctrl - L
Navigate to the definition of the selected element, e.g. variable, method, attribute etc.	F3
Navigate through the editor tabs forward and backward	Ctrl + Page up/Page Down
Navigate through the tabs of the class editor between global class, local class and test classes	Alt + Page up/Page Down
Close the active editor tab	Ctrl + F4
Close all editor tabs	Ctrl + Shift + F4
Set a line break point in the ABAP editor	Ctrl + Shift + B

Learn more at: **www.michaelmanagement.com**