SAP NetWeaver
How-To Guide

How to Use Function Keys in Mobile Applications for Handhelds

Applicable Releases:

SAP NetWeaver 7.1

Topic Area:

User Productivity

Capability:

Mobile

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Document History

Document Version	Description
1.00	First official release of this guide

Typographic Conventions

Type Style	Description
Example Text	Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Cross-references to other documentation
Example text	Emphasized words or phrases in body text, graphic titles, and table titles
`Example text`	File and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
`Example text`	User entry texts. These are words or characters that you enter in the system exactly as they appear in the documentation.
`<Example text>`	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
`EXAMPLE TEXT`	Keys on the keyboard, for example, F2 or ENTER.

Icons

Icon	Meaning
	Caution
	Note / Important
	Example
	Recommendation / Tip

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1. Using Function Keys in Mobile Applications for Handhelds

A function key allows you to trigger an action using a specific key on the mobile device.

Prerequisites

You have created a mobile application using the Mobile Applications for Handhelds perspective.

2. Step-by-Step Solution

1. Navigate to the view on the *Handhelds UI Explorer* tab page.
2. Choose the *Layout* tab page.
3. In the *Integration* menu, drag and drop the *FunctionKey* onto the layout.
4. On the *Properties* tab page, enter the keyCode.
5. Specify or create the event to be invoked in the onAction property.

3. Supported Function Key Codes

You can use the key constants as outlined in the table below:

Function Key	Key Constant
F1	f1
F2	f2
F3	f3
F4	f4
F5	f5
F6	f6
F7	f7
F8	f8
F9	f9
F10	f10
F11	f11
F12	f12
F13	f13
F14	f14
F15	f15
Home	home
Delete	delete
End	end
Page Up	pageup
Page Down	pagedown
Caps Lock	caps
Cancel	cancel
Enter	enter
Backspace	backspace

Note

All key constants are case-sensitive.

You can use the key codes prefixed with # as outlined in the table below:

Function Key	Key Code
Tab	9
↑	16777217
↓	16777218
←	16777219

➔	16777220
Central Navigation Key	13
0	48
1	49
2	50
3	51
4	52
5	53
6	54
7	55
8	56
9	57
a	97
b	98
c	99
d	100
e	101
f	102
g	103
h	104
i	105
j	106
k	107
l	108
m	109
n	110
o	111
p	112
q	113
r	114
s	115
t	116
u	117
v	118
w	119

x	120
y	121
z	122

Modifiers

You can use modifiers for combination of keys.

Modifier	Key Constant
Shift	shift
Ctrl	ctrl
Alt	alt

Usage

You can use key codes and constants in any of the following ways:

- For single function keys, use:

  <Key constant> or **#<Key code>**
- For multiple function keys and modifiers, use:

  <Modifier>&<Key constant> or **<Modifier>&#<Key code>**

Example

To handle a single function key such as 'a', use **#97**.

To handle a combination of modifier and function key such as 'shift' and 'a', use **shift&#97**.

To handle a function key represented by a constant such as 'F1', use **f1**.

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