HP OpenView AssetCenter

Software version: 5.0

Accessibility Options



Build number: 68

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Introduction

Who are the accessibility options intended for?

The accessibility options are intended for users who encounter difficulties viewing the standard AssetCenter user interface in Windows.

What are the accessibility options used for?

The accessibility options are used at different levels:

- Modifying the visual aspect [page 11]
- Screen reader software [page 13]
- Mouseless navigation [page 19]

How to use this guide

Modifying the visual aspect

This chapter explains how to configure the AssetCenter display options in order to improve visual comfort.

Screen reader software

This chapter includes information on the following points:

- Supported screen readers [page 13]
- Configuring AssetCenter to associate it with a screen reader [page 13]
- Configuring JAWS so that it translates visual information in AssetCenter into appropriate sound information [page 14]
- Customizing the behavior of JAWS [page 15]

Mouseless navigation

This chapter explains how to navigate in the AssetCenter Windows client using a mouse.

Conventions used in this guide

What follows is a list of the conventions that we use in this guide

Convention	Description
Java Script Code	Example of the code or command
Fixed-width characters	DOS command, function parameter or data
	format
	Portion of omitted code or command.
Note:	Informative note
Extra information	
Important:	Important information for the user
Be careful	
Tip:	Tip
User tip	
Warning:	Extremely important information for the user
Exercise caution	
Object	AssetCenter interface object: menu, menu entry, tab or button.

The following conventions are also used:

- The steps that we ask you to follow are listed in a defined ordered (in a numbered list). For example
 - 1 First step
 - 2 Second step

- 3 Third and last step
- All illustrations and tables are numbered according to the chapter in which they appear and the order in which they appear in that chapter. For example, the title of the fourth table of chapter two will be prefixed by **Table 2-4**.

Modifying the visual aspect

To improve you visual comfort, you can modify certain options in the AssetCenter Windows client:

- 1 Start the AssetCenter Windows client
- 2 Connect to your database
- 3 Display the options (**Edit/ Options** menu)
- 4 Modify the display options that can improve your visual comfort. These options are located in the following branches:
 - Accessibility
 - Display
 - Edit/ Colors
 - Lists
- 5 Exit the AssetCenter Windows client to save these options

2 Screen reader software

This chapter explains how to associate the AssetCenter Windows client with a screen reader.



Note:

The help on fields and links, as well as the on-line help are recognized by screen reader software.

Supported screen readers

AssetCenter uses the MSAA standard to act as a server.

Software using this standard can act as MSAA clients of AssetCenter.

In particular, this is the case of:

- Microsoft Narrator
- Freedom Scientific JAWS

Configuring AssetCenter to associate it with a screen reader

- 1 Start the AssetCenter Windows client
- 2 Connect to your database

- 3 Display the options (**Edit/ Options** menu)
- 4 Modify the following options if appropriate:
 - Accessibility/ Modify the title of the application
 - Options in the Accessibility/ Screen reader tools/ MSAA branch
- 5 Exit the AssetCenter Windows client to save these options

Configuring AssetCenter to associate it with JAWS

- 1 Start the AssetCenter Windows client
- 2 Connect to your database
- 3 Display the options (**Edit/ Options** menu)
- 4 Set the Accessibility/ Screen reader tools/ JAWS/ Publish the Windows classes of the application option to Yes
- 5 Exit the AssetCenter Windows client to save these options

This configuration makes it possible to map the AssetCenter classes and the standard Windows classes.

JAWS is thus able to correctly identify the AssetCenter classes, thus enabling the scripts that we have provided.

You can modify these scripts.



In the standard Windows terminology, a *window class* is a set of attributes that are used as a template by Windows to display a *window*.

The term *window* designates all types of objects that can be displayed: Frame, label, edit zone, etc.

Each Windows *class* is associated with a procedure that processes all objects of the same class in the same way (behavior and display).

To avoid any confusion between the terms *window* and *screen*, we will use the term *class* to designate the objects displayed by Windows.

Configuring JAWS so that it translates visual information in AssetCenter into appropriate sound information

1 Install JAWS on the same computer as the AssetCenter windows client

- 2 Start a Windows Explorer
- 3 Go to the JAWS sub-folder of the AssetCenter installation folder. Example:

C:\Program Files\HP OpenView\AssetCenter 5.00 xx\jaws

- 4 Copy the contents of the JAWS sub-folder (am. * files) to the Clipboard
- 5 Go to the settings sub-folder of the JAWS installation folder.
- 6 Go to one of the following sub-folders:
 - If you are using JAWS in English (Language/ JAWS Language/ English menu in JAWS): ENU sub-folder

Example: C:\Program Files\JAWS451\SETTINGS\ENU.

 If you are using JAWS in French (Language/ JAWS Language/ French menu in JAWS): FRA sub-folder

Example: C:\Program Files\JAWS451\SETTINGS\FRA.

7 In this sub-folder, paste the files you have copied

Using these files, JAWS is able to recognize the nature of the information coming from AssetCenter and translate it into appropriate sound information.

Customizing the behavior of JAWS

JAWS enables you to customize the way in which it translates visual information into sound information.

Refer to the JAWS documentation for instructions.

Advanced use: JAWS scripting and class mapping

To know the name of an AssetCenter class to be processed with JAWS:

- 1 Start the AssetCenter Windows client
- 2 Connect to the database to be configured
- 3 Display the options (**Edit/ Options** menu)
- 4 Activate the Accessibility/ Screen reader tools/ JAWS/ Register the Windows application classes in a JCF file and enter the full path of the file that will store the names of the classes displayed by AssetCenter
- 5 Exit the AssetCenter Windows client to save these options
- 6 Start the AssetCenter Windows client
- 7 Connect to your database
- 8 Display the objects whose class names you want to know.

The names and descriptions of the classes are saved in the file defined by the Accessibility/ Screen reader tools/ JAWS/ Register the Windows application classes in a JCF file option.

The saved file respects the JAWS JCF format.



Warning:

The classes are only registered once they are displayed during an AssetCenter session.

To re-register a class, exit then relaunch AssetCenter; The classes will register again.

Customizable files reference

- am.jcf: Mapping table (lookup table) of AssetCenter classes and standard Windows classes (as recognized by JAWS)
- am.jsm: Text of messages used in the form of variables in am.jss
- am. jss: JAWS customization script for AssetCenter
- am.jsb: Compiled version of am.jss
- am.jkm: Mapping table (lookup table) of keyboard shortcuts and script functions in am. jss

Using screen reader software

Refer to the documentation of your screen reader for details on how to use this.

Testing with Microsoft Narrator

- 1 Start the AssetCenter Windows client
- 2 Connect to the demonstration database
- 3 Display the options (**Edit/Options** menu)
- 4 Set the Accessibility/ Screen reader tools/ MSAA compliance/ Notify activation of an MDI window option to Yes
- 5 Populate the Accessibility/ Modify the title of the application option
- 6 Exit the AssetCenter Windows client to save these options

- 7 Start Microsoft Narrator (hold down both the **Windows** and **U** keys, then start Microsoft Narrator)
- 8 Start the AssetCenter Windows client
- 9 Connect to the demonstration database
- 10 Perform several test manipulations with AssetCenter

3 Mouseless navigation

This chapter explains how to navigate without using a mouse in the AssetCenter Windows client.

Conventions:

- *Button*: Graphical element of a dialog box
- Activate a button: This consists of pressing **Enter** or **Return** to execute the action corresponding to the button
- Key: Keyboard element
- *Pressing a key*: Consists simply of depressing a keyboard key

For more information on navigating in AssetCenter: • AssetCenter - User Interface guide, chapter First steps with AssetCenter.



The following is an example of reading tables taken from the table Mouseless navigation - General functions [page 20]:

Intended action (followed by the context)	Corresponding manipulations
Refresh caches	Keyboard: Control + F5
(Application window)	

Desired action: Refresh the caches.

To do this, you must first select an object in the *Application window*. Doing this defines the context of the action.

Once the focus is placed on the required context, you can perform the described manipulation: Press the **Ctrl** + **F5** key combination.

General functions

Table 3.1. Mouseless navigation - General functions

Intended action (followed by the context)	Co	prresponding manipulations
Start the AssetCenter Windows client	1	The Windows key
	2	Start/ Programs/ HP OpenView/ Asset-Center 5.00/ HP OpenView Asset-Center menu
Connect to an AssetCenter database	1	Start the AssetCenter Windows client
	2	Populate the Connection, Login and Password fields
	3	Activate the Open button
	4	AssetCenter sometimes displays a dialog box just after connection.
		A sound signal warns you of this.
		If this signal is not accompanied by a sound, the dialog box might not be activated.
		Press the Alt + Tab key combination to enable the dialog box.

Intended action (followed by the context)	Corresponding manipulations
Refresh caches	Keyboard: Control + F5
(Application window)	
Print	Keyboard: Control + P
(Application window)	
Display the online Help	Keyboard: F1
(Application window)	General menu: Help/ Index
Exit the AssetCenter Windows client	Keyboard: Alt + F4
(Application window)	

Menus

Table 3.2. Mouseless navigation - Menus

Intended action (followed by the context)	Corresponding manipulations
Display the Resize and Move menu of the Asset- Center application window	Keyboard: Press and release the Alt , Down
(Application window, no window within the application open)	arrow and Up arrow keys successively
Display the Resize and Move menu of a window	Keyboard: Press and release the Alt, Down
within the AssetCenter application window	arrow and Up arrow keys successively
(Window)	
Select the menu bar	Keyboard: Alt
(Application window)	
Move from one option to another in the menu	Keyboard: Left arrow or Right arrow
bar	
(Menu bar option or menu entry)	
Display the drop-down menu of an option in the menu bar	Keyboard: Down arrow or Enter
(Menu bar option)	
Display a shortcut menu	Keyboard: Shift + F10 or Menu
(Window component)	
Move within a drop-down menu	Keyboard: Up arrow or Down arrow
(Menu entry)	

Intended action (followed by the context)	Corresponding manipulations
Display the shortcut menu enabling you to add, duplicate or delete a link appearing as a sub-	Displaying the shortcut menu that enables you to add, duplicate, or delete a link is not practic-
tab	al when the links are displayed in the form of sub-tabs.
	We recommend displaying the links in list form:
	1 Select any component of the current tab (except for the name of the tab itself)
	2 Shortcut menu: Display in list-form

Record list and detail windows

Table 3.3. Mouseless navigation - List/ Detail windows

Intended action (followed by the context)	Corresponding manipulations
Display the detail only	Keyboard: F7
(List/Detail window)	General menu: Window/ Detail only
	Shortcut menu: Detail only
Display the list only	Keyboard: F6
(List/Detail window)	General menu: Window/ List only
	Shortcut menu: List only
Display the list and the detail	Keyboard: F8
(List/Detail window)	General menu: Window/ List and detail
	Shortcut menu: List and detail
Refresh the information in the list and detail	Keyboard: F5
(List/Detail window)	General menu: Window/ Refresh
Move the separator between the list and the	Keyboard:
detail	1 Enable moving the separator bar by
(List/Detail window)	pressing the F8 key
	2 Press the Up arrow and Down arrow
	keys to move the separator bar up or down
	3 Confirm the new position of the separator
	by pressing Enter

Record lists

Table 3.4. Mouseless navigation - Main record lists

Intended action (followed by the context)	Corresponding manipulations
Create a record	Keyboard: Insert
(List zone)	
Delete a record	Keyboard: Del
(List zone)	
Select the current record in the list zone	Keyboard: Alt + F6
(List/Detail window)	Shortcut menu: Navigate to/ List
Displaying the records in the list without tree	General menu: Window/ Table view
structure	Shortcut menu: Table view
(List zone)	a , , , , , , , , , , , , , , , , , , ,
Displaying the records in the list with tree structure	General menu: Window/ Tree view
	Shortcut menu: Tree view
(List zone) Select the record at the start of the list (taking	Keyboard:
all filters and sorts into account)	Control + F11
(List/Detail window or list zone only)	■ Home
(Bisw Bestair William of hist Bolle only)	
	General menu: Edit/ Start
Select the record at the end of the list (taking all filters and sorts into account)	Keyboard: Control + F12
att fitters and sorts into account)	■ Control + F12
(List/Datail window on list cone only)	- 1
(List/Detail window or list zone only)	■ End
·	General menu: Edit/ End
Select the next record in the list	
Select the next record in the list (List/Detail window)	General menu: Edit/ End General menu: Edit/ Next
Select the next record in the list (List/Detail window) Select the previous record in the list	General menu: Edit/ End
Select the next record in the list (List/Detail window) Select the previous record in the list (List/Detail window)	General menu: Edit/ End General menu: Edit/ Next General menu: Edit/ Previous
Select the next record in the list (List/Detail window) Select the previous record in the list (List/Detail window) Display the previous list page (taking all filters	General menu: Edit/ End General menu: Edit/ Next
Select the next record in the list (List/Detail window) Select the previous record in the list (List/Detail window) Display the previous list page (taking all filters and sorts into account)	General menu: Edit/ End General menu: Edit/ Next General menu: Edit/ Previous
Select the next record in the list (List/Detail window) Select the previous record in the list (List/Detail window) Display the previous list page (taking all filters and sorts into account) (List zone)	General menu: Edit/ End General menu: Edit/ Next General menu: Edit/ Previous Keyboard: Page up
Select the next record in the list (List/Detail window) Select the previous record in the list (List/Detail window) Display the previous list page (taking all filters and sorts into account) (List zone) Display the next list page (taking all filters and	General menu: Edit/ End General menu: Edit/ Next General menu: Edit/ Previous
Select the next record in the list (List/Detail window) Select the previous record in the list (List/Detail window) Display the previous list page (taking all filters and sorts into account) (List zone) Display the next list page (taking all filters and sorts into account)	General menu: Edit/ End General menu: Edit/ Next General menu: Edit/ Previous Keyboard: Page up
Select the next record in the list (List/Detail window) Select the previous record in the list (List/Detail window) Display the previous list page (taking all filters and sorts into account) (List zone) Display the next list page (taking all filters and sorts into account) (List zone)	General menu: Edit/ End General menu: Edit/ Next General menu: Edit/ Previous Keyboard: Page up Keyboard: Page down
Select the next record in the list (List/Detail window) Select the previous record in the list (List/Detail window) Display the previous list page (taking all filters and sorts into account) (List zone) Display the next list page (taking all filters and sorts into account) (List zone) (List zone) Load the previous set of records	General menu: Edit/ End General menu: Edit/ Next General menu: Edit/ Previous Keyboard: Page up
Select the next record in the list (List/Detail window) Select the previous record in the list (List/Detail window) Display the previous list page (taking all filters and sorts into account) (List zone) Display the next list page (taking all filters and sorts into account) (List zone) Load the previous set of records (List zone)	General menu: Edit/ End General menu: Edit/ Next General menu: Edit/ Previous Keyboard: Page up Keyboard: Page down Shortcut menu: Load next/ Downward
Select the next record in the list (List/Detail window) Select the previous record in the list (List/Detail window) Display the previous list page (taking all filters and sorts into account) (List zone) Display the next list page (taking all filters and sorts into account) (List zone) Load the previous set of records (List zone) Load the next set of records	General menu: Edit/ End General menu: Edit/ Next General menu: Edit/ Previous Keyboard: Page up Keyboard: Page down
Select the next record in the list (List/Detail window) Select the previous record in the list (List/Detail window) Display the previous list page (taking all filters and sorts into account) (List zone) Display the next list page (taking all filters and sorts into account) (List zone) Load the previous set of records (List zone) Load the next set of records (List zone)	General menu: Edit/ End General menu: Edit/ Next General menu: Edit/ Previous Keyboard: Page up Keyboard: Page down Shortcut menu: Load next/ Downward Shortcut menu: Load next/ Upward
Select the next record in the list (List/Detail window) Select the previous record in the list (List/Detail window) Display the previous list page (taking all filters and sorts into account) (List zone) Display the next list page (taking all filters and sorts into account) (List zone) Load the previous set of records (List zone) Load the next set of records	General menu: Edit/ End General menu: Edit/ Next General menu: Edit/ Previous Keyboard: Page up Keyboard: Page down Shortcut menu: Load next/ Downward
Select the next record in the list (List/Detail window) Select the previous record in the list (List/Detail window) Display the previous list page (taking all filters and sorts into account) (List zone) Display the next list page (taking all filters and sorts into account) (List zone) Load the previous set of records (List zone) Load the next set of records (List zone) Add a field or a link in the form of a column	General menu: Edit/ End General menu: Edit/ Next General menu: Edit/ Previous Keyboard: Page up Keyboard: Page down Shortcut menu: Load next/ Downward Shortcut menu: Load next/ Upward

Intended action (followed by the context)	Corresponding manipulations
Remove a field or link from the columns in a	Shortcut menu: Utilities/ Remove this
list zone	column
(Column)	
Modify the width of columns in order to fill the exact width of the window. The space taken up by each individual column remains in proportion with the other columns.	Keyboard: F9
(List zone)	
Adjust the width of columns according to the width of the largest item of text contained in the column (for those records loaded in memory).	Keyboard: Control + F9
(List zone)	
Search for a record (taking all filters and sorts	Keyboard: Control + G
into account)	Shortcut menu: Go to
(List zone sorted on the columns to be explored)	
Select all records in a list	Keyboard: Control + A
(List/Detail window)	General menu: Edit/ Select all
Select a group of records	Keyboard: Hold down the Shift key and extend
(First selected record in the list zone)	the selection using the Down arrow or the Up arrow
Configure a record list	Shortcut menu: Utilities/ Configure list
(List zone)	
Add a simple filter to a list	General menu: <table name="">/ Simple filter</table>
(List or List/Detail window zone)	${ m or}$ <table name="">/ And/ Simple filter</table>
	Shortcut menu: Simple filter or And/ Simple filter
Add a simple filter to a field or a list	Shortcut menu: Filter on this field
(Field edit zone)	
Add a simple filter to a link or a list	Shortcut menu: Filter on this link
(Link edit zone)	
Add a query filter to a list	General menu: <table name="">/ Query filter</table>
(Field or link edit zone)	or <table name="">/ And/ Query filter</table>
	Shortcut menu: Query filter or And/ Query filter
Group the records by a field	Shortcut menu: Group by this field
(Field edit zone)	. ,
Group the records by a link	Shortcut menu: Group by this link
(Link edit zone)	
Refresh the status bar of the list	Shortcut menu: Utilities/ Refresh status bar
(List zone)	

Table 3.5. Mouseless navigation - Lists within tabs

Intended action (followed by the context)	Corresponding manipulations
Display the list in the form of tabs (not recommended when using the mouse)	Shortcut menu: Display in tab-form
(List zone)	
Display the list in table form (recommended	Shortcut menu: Display in list-form
for ease of use with the mouse)	
(List zone)	
Add a link	Shortcut menu: Add a link
(List zone)	Cl. 4 4 Book Contains and
Duplicate a link	Shortcut menu: Duplicate linked record
$\frac{\text{(List zone)}}{Delete\ a\ link}$	Shortcut menu: Delete link
(List zone)	Shortcut menu. Delete link
View detail of link	Shortcut menu: Show detail of link
(List zone)	Shortcut menu. Show deidii of link
Copy links	Control + C key combination
(List zone)	Edit/ Copy menu
Cut links	Keyboard:
(List zone)	1 Control + X key combination
(Ziot Zono)	2 Modify button
	General menu:
	1 Edit/ Cut menu
	2 Modify button
Paste links	Keyboard:
(List zone)	1 Control + V key combination
	2 Modify button
	General menu:
	1 Edit/ Paste menu
	2 Modify button
Delete links	Keyboard:
(List zone)	1 Delete key
\	2 Modify button
	General menu:
	1 Edit/ Delete menu
	2 Modify button

Table 3.6. Mouseless navigation - Lists in table form

Intended action (followed by the context)	Corresponding manipulations
Display a list in table form	Keyboard: Control + L
(List/Detail window)	
Select the previous record (taking all filters and	Keyboard:
sorts into account)	• F11
(List/Detail window or list zone only)	■ Up arrow
Select the next record (taking all filters and	Keyboard:
sorts into account)	■ F12
(List/Detail window or list zone only)	Down arrow

Table 3.7. Mouseless navigation - Lists in tree form

Intended action (followed by the context)	Corresponding manipulations
Display a list in tree form	Keyboard: Control + T
(List/Detail window)	
Unfold a whole list displayed in tree form	Shortcut menu: Unfold/ Two levels (or
(List displayed as tree structure zone)	Three levels or All)
Fold a whole list displayed in tree form	Shortcut menu: Unfold/ One level
(List displayed as tree structure zone)	
Activate or disactivate Left arrow and Right	General menu:
arrow keys to unfold or fold a node in a tree	1 Edit/ Options menu
structure	2 Select the Lists/ Arrow keys used to
(Application window)	open/close nodes in tree structures option
	3 Set this option to Yes
option (Edit/ Options menu) is selected Unfold a tree node	Keyboard: Right arrow
	Keyboard: Right grrow
(Tree-structured list)	
Fold a tree node	Keyboard: Left arrow
(Tree-structured list)	
Select the parent	Keyboard: Left arrow
(Tree-structured list)	
Select the next visible record	Keyboard: Down arrow
(Tree-structured list)	
Select the previous visible record	Keyboard: Up arrow
(Tree-structured list)	
Select the next column	Keyboard: Shift + Right arrow
(Tree-structured list)	-

Intended action (followed by the context)	Corresponding manipulations
Select the previous column	Keyboard: Shift + Down arrow
(Tree-structured list)	
Navigation when the Lists/ Arrow keys use	d to open/close nodes in tree structures
option (Edit/ Options menu) is cleared	
Select the next column	Keyboard: Right arrow
(Tree-structured list)	
Select the previous column	Keyboard: Left arrow
(Tree-structured list)	
$\overline{Unfold\ a\ node\ in\ the\ list\ displayed\ in\ tree\ form}$	Keyboard: +
(Node)	
Fold a node in the list displayed in tree form	Keyboard: -
(Node)	
Fully unfold a node in the list displayed in tree	Keyboard: *
form	
(Node)	
Fully fold a node in the list displayed in tree	Keyboard: /
form	
(Node)	

Record details

Table 3.8. Mouseless navigation - Record detail

Intended action (followed by the context)	Corresponding manipulations
Select the first field or link of a detail zone	Keyboard: Alt + F7
(List/Detail window)	Shortcut menu: Navigate to/ Detail
Select the next field or link	Keyboard: Tab
(Field or link edit zone)	
Select the previous field or link	Keyboard: Shift + Tab
(Field or link edit zone)	
Select the name of a tab or sub-tab	Keyboard: Hold down thhe Tab key until the
(List/Detail window)	name of the tab or the sub-tab is selected
Select the next tab	Keyboard: Control + Page down
(Any component of the current tab (tab, field,	
link or button name, for example) except the	
components of the sub-tabs of the current tab)	
Select the next tab	Shortcut menu: Next tab
(Name of the tab)	

Intended action (followed by the context)	Corresponding manipulations
Select the previous tab	Keyboard: Control + Page up
(Any component of the current tab (tab, field, link or button name, for example) except the components of the sub-tabs of the current tab)	
Select the previous tab	Shortcut menu: Previous tab
(Name of the tab)	
Configure the tab	General menu: Tools/ Configure tabs
(Title of a tab or record zone)	Shortcut menu: Configure tabs
Select the first button of the button zone	Keyboard: Alt + F8
(List/Detail window)	Shortcut menu: Navigate to/ Buttons
Select the next button	Keyboard: Tab
(Button)	
Select the previous button	Keyboard: Shift + Tab
(Button)	
Activate a button	Keyboard: Enter
(Button)	

Table 3.9. Mouseless navigation - Fields and links of a detail $\,$

Intended action (followed by the context)	Corresponding manipulations
Select a value in a drop-down list	Keyboard: Enter
(Drop-down list)	
Configure the field or the link	Keyboard: Alt + Enter
(Field or link edit zone)	Shortcut menu: Configure object
Display help on the field or link	Keyboard: Shift + F1
(Field or link edit zone)	General menu: Help/ Help on this field
	Shortcut menu: Help on this field
Copy the text from a field or link to the Clip-	Keyboard: Control + C
board	General menu: Edit/ Copy
(Field or link edit zone)	
Paste text in a field or link	Keyboard: Control + V
(Field or link edit zone)	General menu: Edit/ Paste
Cut text in a field or link	Keyboard: Control + X
(Field or link edit zone)	General menu: Edit/ Cut
Delete text in a field or link	Keyboard: Del
(Field or link edit zone)	Shortcut menu: Edit/ Delete
Edit a Basic script	Keyboard: F4
(Script edit zone)	Shortcut menu: Zoom

Table 3.10. Mouseless navigation - Fields of a detail

Intended action (followed by the context)	Corresponding manipulations
Display the drop-down list used to populate a	Keyboard: Down arrow
field	
(Field edit zone)	
Check or clear a checkbox	Keyboard: Spacebar
(Checkbox)	
Increment by one unit the value of a numeric field	Keyboard: Up arrow
(Number field edit zone)	
	77 1 1 Ale B
Activate the calculator	Keyboard: Alt + Down arrow
(Number field edit zone)	
Decrease the value of a numeric field	Keyboard: Down arrow
(Number field edit zone)	
Edit the value of a currency	Shortcut menu: Edit currency
(Money field edit zone)	
Set an alarm for a field	Shortcut menu: Edit alarm
(Date field edit zone)	
Insert the current date and time	Keyboard: Control + ;
(Date or date and time field edit zone)	

Table 3.11. Mouseless navigation - Links in a detail

Intended action (tollowed by the context)	Corresponding manipulations
Display the drop-down list used to populate a	Keyboard: Alt + Down arrow
link	
(Link edit zone)	
Select a link in a choice window instead of a	Shortcut menu: Select link
drop-down list	
(Link edit zone)	
Display the detail of a link	Keyboard: F4
(Link edit zone)	Shortcut menu: Show detail of link
Delete a link	Shortcut menu: Delete link
(Link edit zone)	
	·

Wizards

Table 3.12. Mouseless navigation - Wizards

Intended action (followed by the context)	Corresponding manipulations
Launch the wizard debugger	Keyboard: Shift + F9
(Wizard being executed)	

Modules



These are the same options as given in the **File/ Activate modules** menu.

Table 3.13. Mouseless navigation - Modules

Intended action (followed by the context)	Corresponding manipulations
Moving within the enable/disable modules	Keyboard: Up arrow or Down arrow
window	
(Enable/Disable modules window)	
Select or deselect a module	Keyboard: Spacebar
(Module name)	

Database options



These are the same options as given in the ${\bf Adminstration/Database}$ options menu.

Table 3.14. Mouseless navigation - Database options

Intended action (followed by the context)	Corresponding manipulations
$\overline{ extit{M}}$ oving within the option edit window	Keyboard: Left arrow or Right arrow
(Option)	

General options



These are the same options as given in the **Edit/ Options** menu.

Table 3.15. Mouseless navigation - General options

Intended action (followed by the context)	Corresponding manipulations
Edit the settings of an option	Keyboard:
(Option)	1 Shift + Spacebar
	2 To replace the current value, enter the new value directly,
	or:
	To change the current value, press Up arrow or Down arrow .
	3 To cancel any changes being made to the current option, press the Escape key
	4 To validate the current entry, press Enter

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