



bestinformed Javaclient Version 4.2 Functional Overview

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1. Introduction

The Javaclient is an additional client application of the software Cordaware bestinformed. It is developed for other operating systems than Microsoft Windows. The Javaclient was tested on IGEL Thin Clients, eLux, Linutop and Mac OS X. The Javaclient is also running on other linux and unix-based operating systems. But we can't guarantee that the Javaclient runs without any difficulty.

For a right process we are recommend the Java Runtime Environment (JRE) Version 1.7 or higher.

This document provides an overview of the functions included in Cordaware bestinformed Javaclient Version 4.2.

Hint: Functions which are not listed will not be interpreted from the Javaclient. While creating an Info this must be considered.

2. Displaying Infos

2.1 Ticker

Displaying of the ticker

- The ticker can be positioned either on top or at the bottom of the desktop. On Mac OS X the ticker is shown below the taskbar respectively over the dock.
- The Infoticker can be moved freely. With a double click the ticker jumps back to its default position.
- Resize-Buttons: If the Ticker overlaps other applications, the Ticker can be scaled down through a mouseclick.
- By a right mouse button click on a Ticker, it stops for 10 seconds. To reactivate the Ticker make a left button click.
- Infos can be larger than the width of the desktop.
- When receiving a new Info, already closed Infos won't be displayed again.

Hint: Some signs are not interpreted correctly by the Javaclient. Instead of them, use the HTML syntax.

Example: Instead of using of the €-sign, use the HTML syntax "€".

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Additional components in the ticker

- Hyperlinks in Ticker: When you move the mouse over a hyperlink the ticker stops.
- Infotickers are closeable with the cancel-button as well as by clicking on a hyperlink.
- An Info can contain one or more response hyperlinks.

Hint: To ensure that hyperlinks are opened correctly, add the protocol to the link.

Example of an Info: `Link`

Configuration of the Info

- Every Info can be configured as closeable and not-closeable for the recipient.
- Info refreshes from the Infoserver are adopted on the Javaclient.

2.2 Sound

The Javaclient is able to play sounds and system beeps. But this capability depends on the JRE and the operating system. Sounds can also be played more than one time consecutively.

2.3 Images

The Javaclient can display images. But to assure a correct image format the size information must be delivered with the Info (``).

2.4 Popup

The Javaclient is able to display Infos as configurable size Popups as well as fullscreen-Popups.

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3. Javaclient Configuration Window

Similar to the Windows-Client a click on the Javaclient tray icon will open a configuration window. Changes of the settings here will be applied to the file *Infoclient.ini* of the Javaclient directory.

Following configuration can be modified with the Configuration Window:

- Infoserver-Address
- Infoserver-Port
- Speed of the Ticker
- Font
- Font Format
- Font Size
- Display the tray icons of the Javaclient and the Infogrid
- Alignment of the ticker

Within the configuration window, you can open the channel overview. Additionally the actual state of connection and system information are shown here.

4. Infogrid - Infohistory of the Javaclient

Incoming Infos are listed and can be restarted in the Infogrid. In the Infogrid the recipient (*User@Computer*), the *Info-creator*, the *Info-ID*, the *beginning* of the active time and the *display time* as well as the *content* of the Info are shown. With the button "Replay" you can restart the Info.

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5. Remote-Configuration via Inifile-Info

Following settings of the Javaclient can be changed with an Inifile-Info:

address=192.168.1.42	Infoserver-Address or hostname
port=800	Infoserver-Port
speed=15	Speed of the Ticker
fontname=Arial	Font
fontstyle=bold, italics...	Font Format
fontsize=10	Font Size
bottom=false	Alignment of the Ticker
showontaskbar=true	Display the Client-tray icon
shownewinfosintaskbar=false	Display the Infogrid tray icon
showchannelsontaskbar=true	Display the Channel tray icon
debug=true/false	Activate the Debug-Mode
separator=+++	Separator
backgroundcolor=238,238,238	Background color of the ticker in RGB format
useutf8charset=false	Switch on / off the utf8-charset for Javaclient
disabledItems=stAddress, ...	Deactivating quick-configuration settings
RestartClientAfterInfos=true	Restart of the client after all active infos are finished
ShowSCN=true/false	Show the SessionClientName from the computer in the connection overview
ShowIfJC=false	Show in the connection overview if is Javaclient or not
KeepAliveInterval=600	Interval, in which KeepAlive packets are sent

6. Debug-Mode of the Javaclient

If the entry *debug=true* is set in the configuration file *Infoclient.ini*, the Javaclient will record all events. The events will be written in the file *InfoclientDebug.log* in the directory of the Javaclient.

7. Standard Channels

The Channel overview can be opened within the quick configuration. In this overview all Channels are shown, the Infoclients are able to subscribe to. The Channels, subscribed by the Infoclients, will be listed in the connection overview. Channels can be used to address Infoclients which are subscribed to the specific Channel.

8. InfoclientValues

It is now possible to set InfoclientValues within the *Infoclient.ini* at the Javaclient. Use the following syntax to do so:

```
[InfoclientValues]
NameOfTheInfoclientValue=ValueOfTheInfoclientValue
```

Example of an InfoclientValue named 'Location':

```
[InfoclientValues]
Location=Berlin
```

Deleting InfoclientValues

To delete InfoclientValues, leave the value of the InfoclientValue empty. By doing this, the specific InfoclientValue will be deleted completely from the *Infoclient.ini*.

Example for deleting an InfoclientValue named 'Location':

```
[InfoclientValues]
Location=
```

Result: The InfoclientValue 'Location' was deleted from the *Infoclient.ini* completely.

9. Close Javaclient

You can stop the Javaclient over the webinterface. To perform it, create a new Inifile-info with the following text:

```
[Command]
StopClient=true
```

The Javaclient will be stopped. To start it again, execute the file *bestinformed.jar* on the local PC.

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10. Using user-defined icons

You can change each icon of the Javaclient individually. Create a new folder "TrayIcons" where the *bestinformed.jar* is located. Here you can place custom icons in GIF format.

Following icons can be customized:

tray.gif is the main icon of the Javaclient. It is shown in the taskbar. By clicking on it, the quick configuration is opened.

Channels.gif is shown in the taskbar, if the option ShowChannelsOnTaskbar=true is set.

Channels16.gif changes the icon of the button in the quick configuration. With this button you can open the overview of the channels.

infogrid.gif shows the received Infos of the Javaclient.

When an icon with the respective name is saved in the TrayIcons-folder, it is used after restarting the Javaclient.

11. Environment Variables

The Javaclient can process certain environment variables. The following variables are available:

- %username%
- %computername%
- %server%
- %port%
- %ipaddress%
- %time%
- %date%

Hint: We recommend to write the environment variables in lowercase. This ensures, that every operating system can process them.

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12. Disabling components of the Quick Configuration

Certain components of Javaclient's Quick Configuration can be disabled. The disabled items are still shown in the Quick Configuration but can't be changed from the user. To do this, use the client setting *disabledItems*. Enter the keywords as a comma separated list behind this option. You can use the following settings:

Component	Description
stAddress	Text field in which the address is entered
stPort	Text field in which the port is entered
stSpeed	Text field to define the speed of the ticker
stChannels	Button, to open the channel overview
stFont	Selection list for font, font style and font size
stinTaskbar	Checkbox for "Visible in taskbar" (Icon of the Javaclient)
stNewInfo	Checkbox "New Infos in taskbar"
stBottom	Checkbox "Align to bottom", alignment of the ticker
stConfig	Hyperlink to the configuration page of the Infoserver

To disable the components, create a new Inifile-Info. Enter the following Info text:

```
[General]  
disabledItems=stAddress,stPort
```

Save the Info. In this example the text fields for address and for the port are disabled.