

VM Card

Operating Instructions Extended Feature Settings Reference <Web Version>

-
- 1 Introduction
 - 2 Screens
 - 3 Startup Setting
 - 4 Extended Feature Info
 - 5 Change Allocation
 - 6 Administrator Tools

Trademarks

Java and all Java-based trademarks and logos are trademarks or registered of Sun Microsystems, Inc. in the United States and other countries.

TABLE OF CONTENTS

- How to Read This Manual 1
- 1. Introduction**

- What are extended features? 3**
 - Types of extended features..... 3
- This manual 4**
- 2. Screens**

- Displaying the operation screen 5**
 - Logging in as a machine administrator 6
- Web Image Monitor operations screens 7**
 - Startup Setting screen..... 7
 - Extended Feature Info screen..... 9
 - Change Allocation screen 11
 - Administrator Tools screen 13
- 3. Startup Setting**

- Starting and Stopping extended features 15**
 - Starting extended features 15
 - Stopping extended features 16
- Setting priority 18**
- 4. Extended Feature Info**

- Displaying extended feature information 19**
- 5. Change Allocation**

- Changing allocated function keys..... 21**
- 6. Administrator Tools**

- Setting Heap / Stack Size 25**
- INDEX..... 27**

How to Read This Manual

Symbols

The following set of symbols is used in this manual.

WARNING:

This symbol indicates a potentially hazardous situation that might result in death or serious injury when you misuse the machine without following the instructions under this symbol. Be sure to read the instructions, all of which are described in the Safety Information section.

CAUTION:

This symbol indicates a potentially hazardous situation that might result in minor or moderate injury or property damage that does not involve personal injury when you misuse the machine without following the instructions under this symbol. Be sure to read the instructions, all of which are described in the Safety Information section.

* The statements above are notes for your safety.

Important

If this instruction is not followed, paper might be misfed, originals might be damaged, or data might be lost. Be sure to read this.

Preparation

This symbol indicates information or preparations required prior to operating.

Note

This symbol indicates precautions for operation, or actions to take after abnormal operation.

Limitation

This symbol indicates numerical limits, functions that cannot be used together, or conditions in which a particular function cannot be used.

Reference

This symbol indicates a reference.

[]

Keys that appear on the machine's display panel.

[]

Keys built into the machine's control panel.

1. Introduction

What are extended features?

"Extended features" are features (applications) that enable you use this device more easily.

The extended features installed on a device differ according to users' requirements. For details about which extended features are installed on your device, ask the device manager.

Types of extended features

Extended features are classified into two types, Type-J ^{*1}, and Type-C ^{*2}, depending on the development environment.

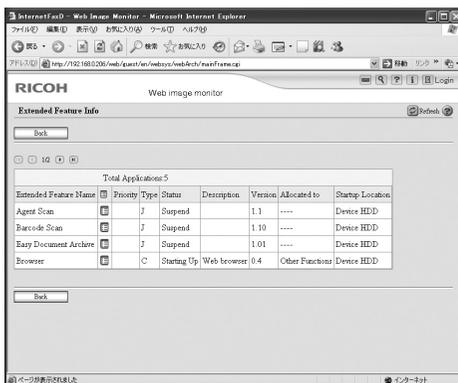
❖ Type-J ^{*1} extended features

These are features (applications) that are developed using Java.

❖ Type-C ^{*2} extended features

These are features (applications) that are developed using C language.

You can confirm which type of extended features are in use from the "Type" column of the list displayed in the operation screen of the Web Image Monitor.



The screenshot shows the Ricoh Web Image Monitor interface in a Microsoft Internet Explorer browser window. The page title is "Extended Feature Info". Below the title is a "Back" button and a "Refresh" button. A table displays the installed extended features. The table has columns for "Extended Feature Name", "Priority", "Type", "Status", "Description", "Version", "Allocated to", and "Startup Location". The table lists five features: Agent Scan, Barcode Scan, Easy Document Archive, and Ecoviewer, all of which are Type-J and Suspended. Ecoviewer is Type-C and is in the "Starting Up" status.

Total Applications 5							
Extended Feature Name	Priority	Type	Status	Description	Version	Allocated to	Startup Location
Agent Scan	0	J	Suspend		1.1	----	Device HDD
Barcode Scan	0	J	Suspend		1.10	----	Device HDD
Easy Document Archive	0	J	Suspend		1.01	----	Device HDD
Ecoviewer	0	C	Starting Up	Web browser	0.4	Other Functions	Device HDD

For details, see p.7 "Web Image Monitor operations screens".

*1 Embedded Software Architecture Application Java language version

*2 Embedded Software Architecture Application C language version

This manual

1

This manual explains the **[Startup Setting]**, **[Extended Feature Info]**, **[Change Allocation]**, and **[Administrator Tools]** regarding extended features installed in your devices.

If operating methods differ according to the type of extended feature, separate descriptions are given (⇒ p.3 “Types of extended features”).

Note

- The **[Install]**, **[Uninstall]**, **[Copy Extended Features]**, and **[Copy Card Save Data]** of the Extended Feature Settings are not used and are therefore not explained in this manual. For information about these settings, consult your nearest sales or service center.
- Confirm general extended feature operations with the administrator.
- Refer to *Extended Feature Settings Reference <Devices Version>* for use and operation of the device operating sections.
- Depending on which device you are using, it may not be possible to implement operations from the device operating section. In such cases, perform operations using Web Image Monitor.

2. Screens

Displaying the operation screen

Use the **[Configuration]** menu of the Web Image Monitor to display the operation screen.

Note

- ❑ For details about the settings you must make to use Web Image Monitor, see the *Network Guide*.

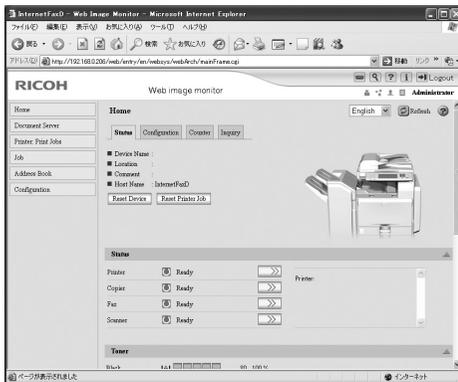
1 Activate the web browser.

2 In the address bar, enter

http:// + (IP address of device whose status you want to display)
and press Enter key of the keyboard.

The initial screen of the Web Image Monitor appears.

3 Click **[Configuration]** in the menu on the left side of the Web Image Monitor screen.



The configuration menu is displayed on the right side of the screen.

4 In the "Extended Feature Settings", click the items you want to use.



Note

- To set **[Startup Setting]**, **[Change Allocation]**, or **[Administrator Tools]**, you must login as a machine administrator. For details, see p.6 "Logging in as a machine administrator".

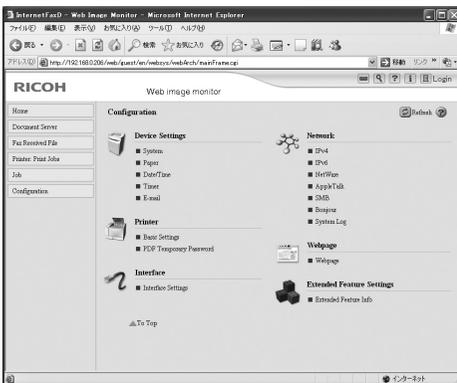
Logging in as a machine administrator

To set **[Startup Setting]**, **[Change Allocation]**, or **[Administrator Tools]**, you must login as a machine administrator. Enter a machine administrator login user name and login password, and then log in.

Note

- You do not have to log in as a machine administrator to use **[Extended Feature Info]** only.

1 Click **[Login]** in the upper right-hand corner of the Web Image Monitor initial screen.



2 Enter an administrator login user name and password, and then click **[Login]**.

Web Image Monitor operations screens

The following explanation covers **[Startup Setting]**, **[Extended Feature Info]**, **[Change Allocation]**, and **[Administrator Tools]** screen items.

Note

- The **[Install]**, **[Uninstall]**, **[Copy Extended Features]**, and **[Copy Card Save Data]** screens are unavailable.

2

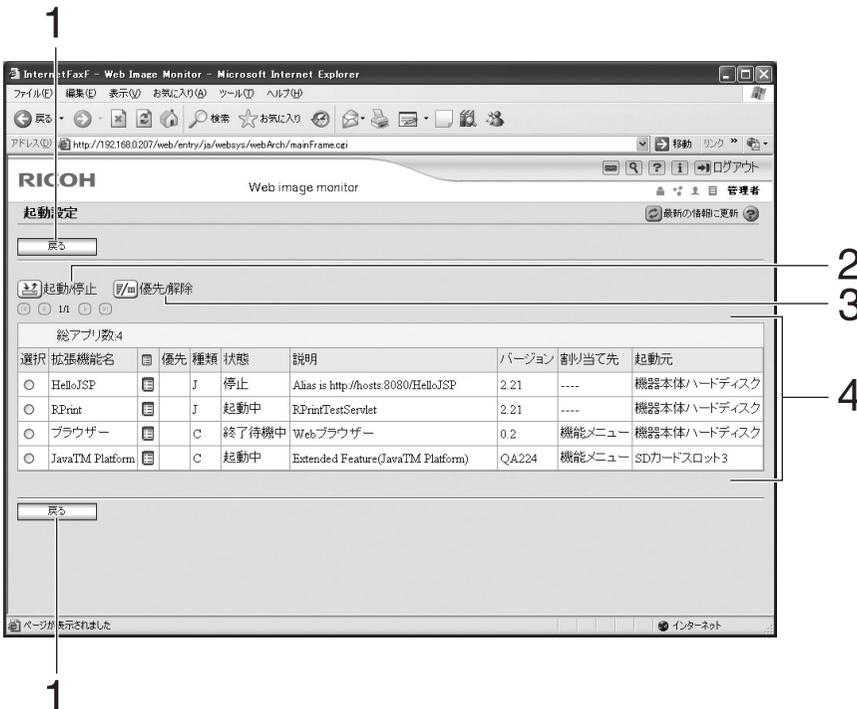
Startup Setting screen

This section explains the various items on the Startup Setting screen.

For details about operations you can perform using this screen, see p.15 "Startup Setting".

Note

- To set **[Startup Setting]**, you must login as a machine administrator. For details, see p.6 "Logging in as a machine administrator".



1. [Back]

Click this to return to the **[Configuration]** menu of the Web Image Monitor.

2. [Start Up/Stop]

Click this to set the selected extended feature to either "Starting Up" or "Stop".

3. [Priority/Cancel]

Click this button to set the "Priority" of the selected Type-J extended feature, or cancel the "Priority" setting. For details, see p.18 "Setting priority".

4. Extended feature list

Displays a list of installed extended features.

❖ Selection

- Click the radio button of the extended feature you want to set to "Starting Up" or "Stop". Click **[Start Up/Stop]** after selecting.
- Click the radio button of the Type-J extended feature to set or whose "Priority" setting you want to cancel. Click **[Priority/Cancel]** after selecting.

❖ Extended Feature Name

Displays the names of extended features.

❖ Properties

Displays an information screen for the extended feature, which allows you to check its **[Properties]** icon. For details, see p.19 "Extended Feature Info".

❖ Priority

If multiple Type-J ^{*1} extended features are installed, they are displayed according to "Priority".

❖ Type

Displays the types of extended features. For details, see p.3 "Types of extended features".

❖ Status

Displays the status of extended features.

- Starting Up
Extended features are activated.
- Stop
Extended features are deactivated.
- Suspend
Only Type-J ^{*1} extended features are displayed.
Extended features are activated but are in standby status. You must reboot before you can use these features.
- Waiting
Only Type-C ^{*2} extended features are displayed.
Extended features are activated once the device is rebooted.
- Ending
Only Type-C ^{*2} extended features are displayed.
Extended features are shut down once the device is rebooted.

❖ Description

Displays brief summaries of extended features.

❖ Version

Displays the versions of extended features.

❖ Allocated to

Displays the name of the function key allocated to the extended feature.

❖ Startup Location

Displays the locations where extended features are installed.

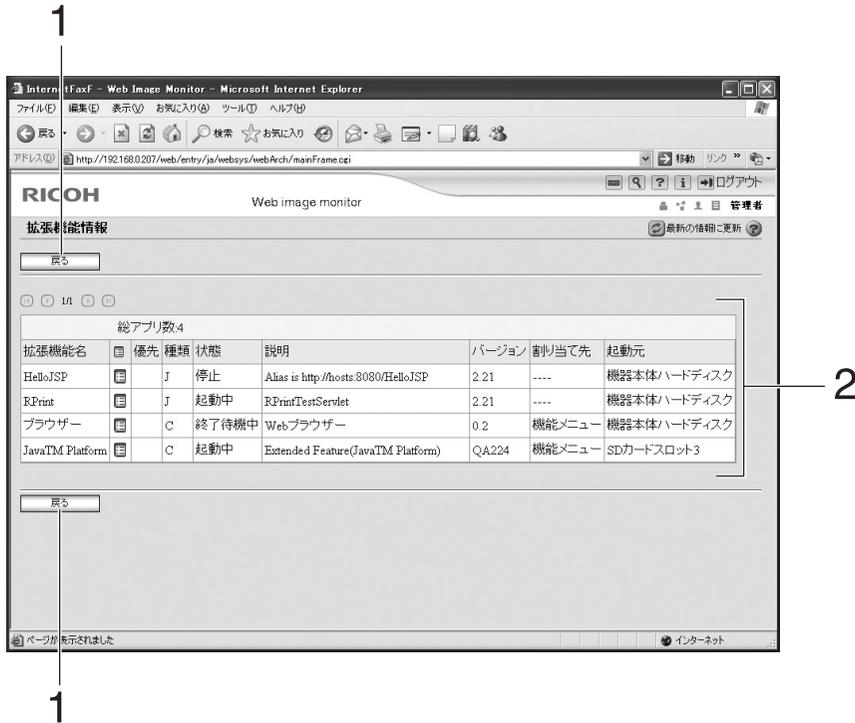
^{*1} Embedded Software Architecture Application Java language version

^{*2} Embedded Software Architecture Application C language version

Extended Feature Info screen

This section explains the various items on the Extended Feature Info screen.

For details about operations you can perform using this screen, see p.19 “Extended Feature Info”.



1. [Back]

Click this to return to **[Configuration]** menu of the Web Image Monitor.

2. Extended feature list

Displays a list of installed extended features.

❖ Extended Feature Name

Displays the names of extended features.

❖ Properties

Displays the extended feature information screen, allowing you check the **[Properties]** icon about the extended features. For details, see p.19 “Extended Feature Info”.

❖ Priority

If multiple Type-J^{*1} extended features are installed, the extended feature displayed “Priority” is prioritized.

❖ Type

Displays the types of extended features. For details, see p.3 “Types of extended features”.

❖ Status

Displays the status of extended features.

- Starting Up
Extended features are activated.
- Stop
Extended features are deactivated.
- Suspend
Only Type-J ^{*1} extended features are displayed.
Extended features are activated but are in standby status. Use of these features requires rebooting.
- Waiting
Only Type-C ^{*2} extended features are displayed.
Extended features are activated once the device is rebooted.
- Ending
Only Type-C ^{*2} extended features are displayed.
Extended features are shut down once the device is rebooted.

❖ Description

Displays brief summaries of the extended features.

❖ Version

Displays the versions of extended features.

❖ Allocated to

The name of function key allocated to extended features are displayed.

❖ Startup Location

Displays the locations where extended features are installed.

^{*1} Embedded Software Architecture Application Java language version

^{*2} Embedded Software Architecture Application C language version

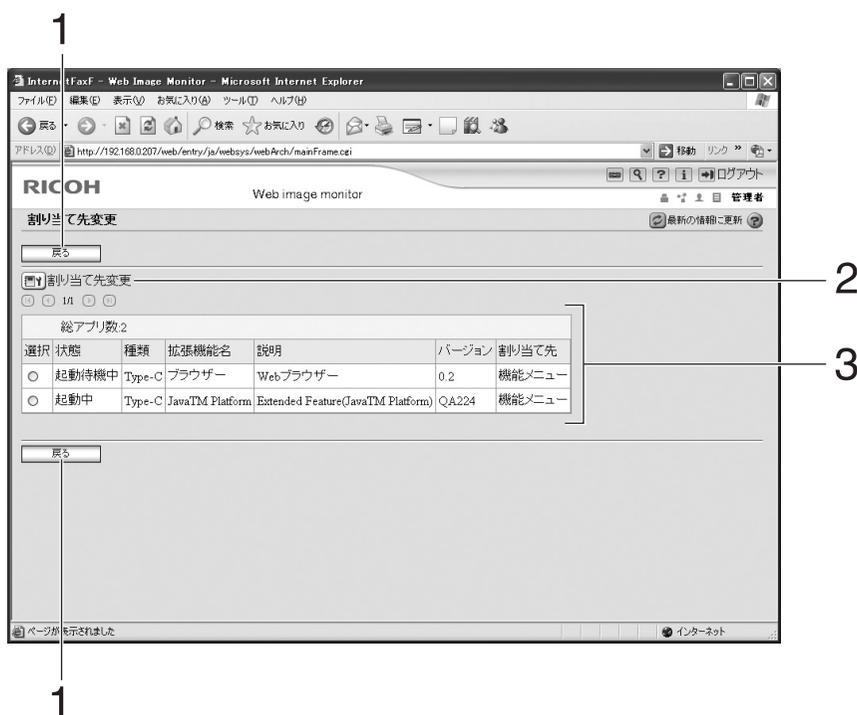
Change Allocation screen

This section explains the various Change Allocation screen items.

For details about operations you can perform using this screen, see p.21 “Change Allocation”.

Note

- To set **[Change Allocation]**, you must login as a machine administrator. For details, see p.6 “Logging in as a machine administrator”.



1. [Back]

Click this to return to **[Configuration]** menu of the Web Image Monitor.

2. [Change Allocation]

Click this to change the function key that is allocated.

3. Extended feature list

Displays a list of installed extended features.

❖ Selection

Click the radio button of the extended feature to change the function key that is allocated. Click **[Change Allocation]** after selecting.

❖ Status

Displays the status of extended features.

- Starting Up
Extended features are activated.
- Stop
Extended features are deactivated.
- Suspend
Only Type-J ^{*1} extended features are displayed.
Extended features are activated but are in standby status. Use of these features requires rebooting.
- Waiting
Only Type-C ^{*2} extended features are displayed.
Extended features are activated once the device is rebooted.
- Ending
Only Type-C ^{*2} extended features are displayed.
Extended features are shut down once the device is rebooted.

❖ Type

Displays the types of extended features. For details, see p.3 “Types of extended features”.

❖ Extended Feature Name

Displays the names of extended features.

❖ Description

Displays brief summaries of the extended features.

❖ Version

Displays the versions of extended features.

❖ Allocated to

Displays the name of function key that is allocated the extended feature.

^{*1} Embedded Software Architecture Application Java language version

^{*2} Embedded Software Architecture Application C language version

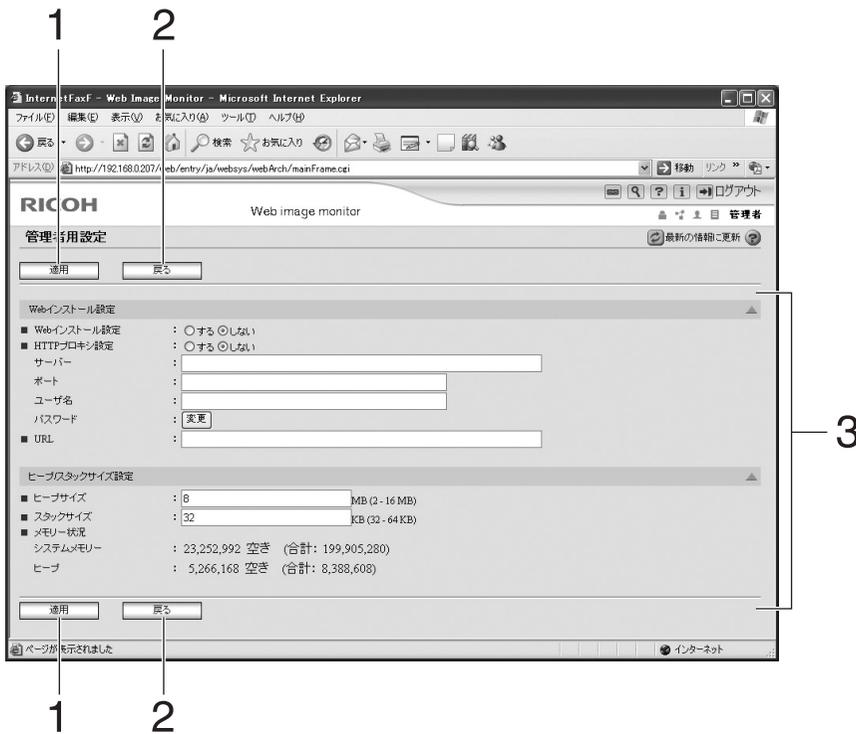
Administrator Tools screen

This section explains the various items on the Administrator Tools screen.

For details about operations you can perform using this screen, see p.25 “Administrator Tools”.

Note

- ❑ To set **[Administrator Tools]**, you must login as a machine administrator. For details, see p.6 “Logging in as a machine administrator”.



1. [Apply]

Click this to apply changes made to settings.

2. [Back]

Click this to return to the **[Configuration]** menu of Web Image Monitor.

3. Settings list

Displays a list of Settings.

Note

- ❑ You can specify **[Heap / Stack Size Settings]** only.

3. Startup Setting

The following explanation covers operations you can perform using the Startup Setting screen of the Web Image Monitor.

For details about items on this screen, see p.7 “Startup Setting screen”.

Note

- To set [Startup Setting], you must login as a machine administrator. For details, see p.6 “Logging in as a machine administrator”.

Starting and Stopping extended features

Starting extended features

- 1 Display the configuration menu screen on Web Image Monitor.

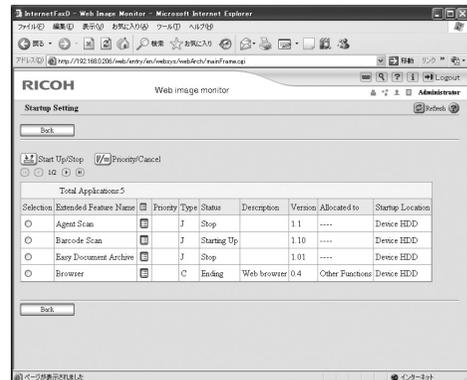
Reference

p.5 “Displaying the operation screen”

- 2 In “Extended Feature Settings”, click [Startup Setting].

A list of installed extended features appears.

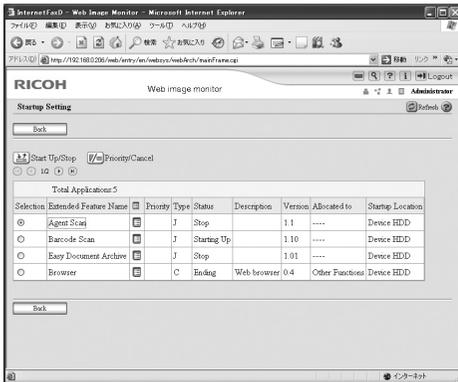
- 3 Select the extended features you want to start, from those whose status is “Stop”, “Suspend”, or “Ending”. Select the radio button at the “Selection” in the list.



Note

- If “Waiting” is displayed, “Status” changes to “Starting Up” after rebooting the device. The extended features start and become usable.

4 Click [Start Up/Stop].



Depending on the type and status of the extended features you select, the machine responds as follows:

❖ **Type-J**^{*1} extended features

- If "Suspend" is displayed: "Status" changes to "Stop". If you click [Start Up/Stop] again, "Status" changes to "Starting Up". The extended features start and become usable.
- If "Stop" is displayed: "Status" changes to "Starting Up". The extended features start and become usable.

❖ **Type-C**^{*2} extended features

- If "Ending" is displayed: "Status" changes to "Starting Up". The extended features start and become usable.
- If "Stop" is displayed: "Status" changes to "Waiting". After rebooting the device, "Status" changes to "Starting Up". The extended features start and become usable. If you click [Start Up/Stop] again without rebooting, "Status" changes back to "Stop".

^{*1} Embedded Software Architecture Application Java language version

^{*2} Embedded Software Architecture Application C language version

Stopping extended features

Normally it is not necessary to stop extended features.

Extended features that are required for communication with the server may stop if the server is deactivated.

1 Display the configuration menu screen on Web Image Monitor.

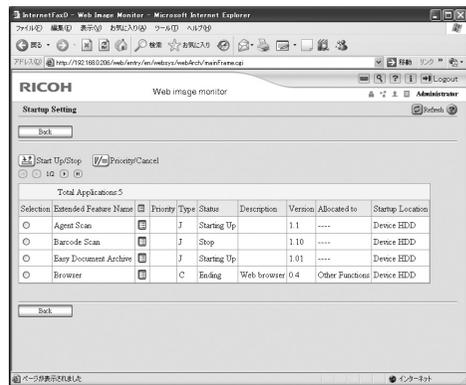
Reference

p.5 "Displaying the operation screen"

2 In "Extended Feature Settings", click [Startup Setting].

A list of installed extended features is displayed.

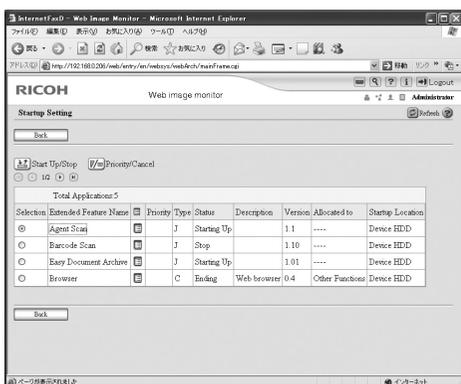
3 Select the extended features you want to start, from those whose status is "Starting Up", "Suspend", or "Waiting". Select the radio button at the "Selection" in the list.



Note

- ❑ If "Ending" is displayed, "Status" changes to "Stop" after rebooting the device. The extended features stop and become unusable.

5 Click [Back].

4 Click [Start Up/Stop].**5** Click [Back].

Depending on the type and status of the extended features you select, the machine responds as follows:

❖ **Type-J^{*1} extended features**

- If "Suspend" is displayed:
"Status" changes to "Stop".
The extended features stop and become unusable.
- If "Starting Up" is displayed:
"Status" changes to "Stop".
The extended features stop and become unusable.

❖ **Type-C^{*2} extended features**

- If "Waiting" is displayed:
"Status" changes to "Stop".
The extended features stop and become unusable.
- If "Starting Up" is displayed:
"Status" changes to "Ending".
After rebooting the device,
"Status" changes to "Stop".
The extended features stop and become unusable.
If you click **[Start Up/Stop]** again without rebooting,
"Status" changes back to "Starting Up".

*1 Embedded Software Architecture Application Java language version

*2 Embedded Software Architecture Application C language version

Setting priority

You can set priority for Type-J extended features only.

If multiple Type-J extended features are installed, you can specify their activation priority. For details, refer to *Extended Feature Settings Reference <Devices Version>*.

3

1 Display the configuration menu screen on Web Image Monitor.

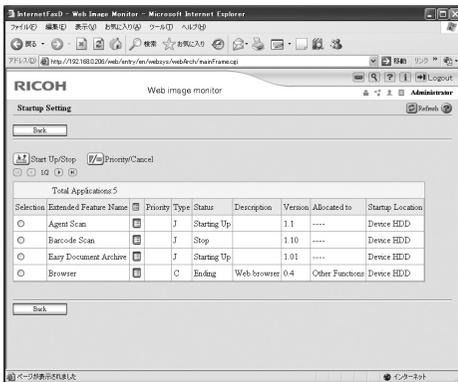
Reference

p.5 "Displaying the operation screen"

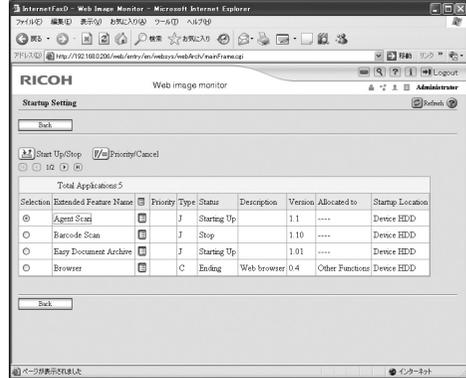
2 In "Extended Feature Settings", click [Startup Setting].

A list of installed extended features appears.

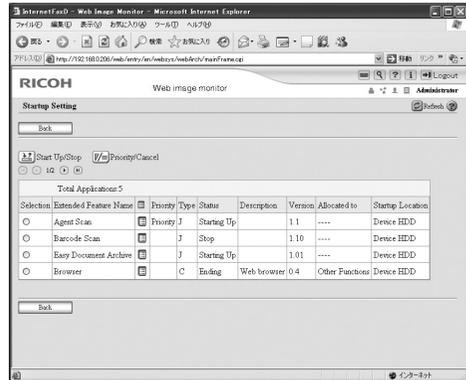
3 Select the Type-J extended features you want to priority activate. Select the radio button at the "Selection" in the list.



4 Click [Priority/Cancel].



"Priority" is displayed at the "Priority" for the selected Type-J extended feature in the list.



Note

To cancel "Priority", select a Type-J extended feature that is set to "Priority", and then click [Priority/Cancel].

4. Extended Feature Info

The following explanation covers operations you can perform using the Extended Feature Info screen of the Web Image Monitor.

For details about items on this screen, see p.9 “Extended Feature Info screen”.

Displaying extended feature information

- 1 Display the configuration menu screen on Web Image Monitor.

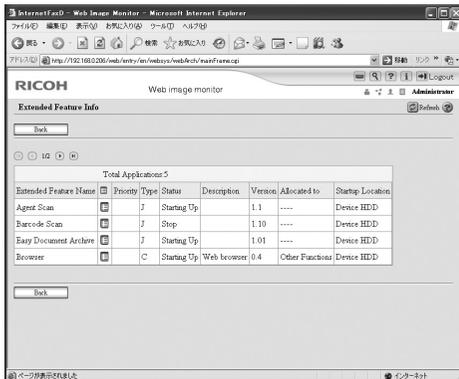
Reference

p.5 “Displaying the operation screen”

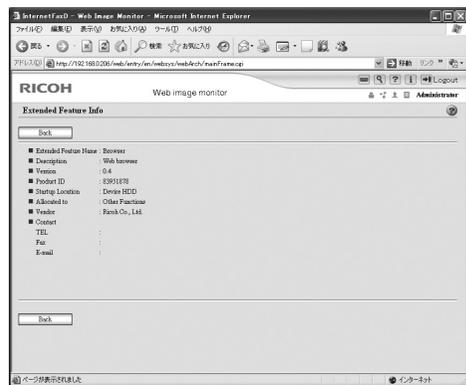
- 2 In the "Extended Feature Settings", click the [Extended Feature Info].

A list of installed extended features appears.

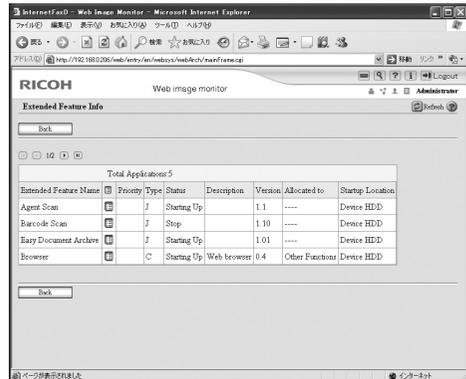
- 3 Click the [Properties] icon of the extended feature whose details you want to display.



- 4 Check the information, and then click [Back].



- 5 Click [Back].



5. Change Allocation

The following explanation covers operations you can perform using the Change Allocation screen of the Web Image Monitor.

For details about items on this screen, see p.11 “Change Allocation screen”.

Note

- To set **[Change Allocation]**, you must login as a machine administrator. For details, see p.6 “Logging in as a machine administrator”.

Changing allocated function keys

You can access extended features by pressing the function keys allocated to them. Use the following procedure to change the extended features allocated to function keys.

Note

- If the device has **[Registered Program]** key on its operation panel, you can allocate extended features to them.
- If multiple extended features are installed, use the **[Registered Program]** key for different types of extended features.

Depending on the type of extended features, allocation varies as follows:

❖ Type-J^{*1} extended features

One function key is allocated to Type-J^{*1} extended features. Even if multiple Type-J^{*1} extended features are installed, you cannot allocate function keys to them individually. If multiple Type-J^{*1} extended features are installed, you can specify their activation priority. For details, see p.18 “Setting priority”.

❖ Type-C^{*2} extended features

If multiple Type-C^{*2} extended features are installed, you can allocate a function key to each.

^{*1} Embedded Software Architecture Application Java language version

^{*2} Embedded Software Architecture Application C language version

- 1 Display the configuration menu screen on Web Image Monitor.

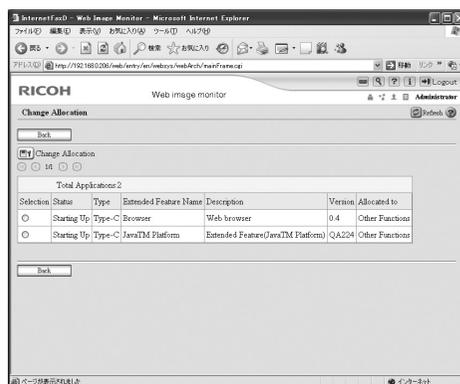
Reference

p.5 “Displaying the operation screen”

- 2 In “Extended Feature Settings”, click **[Change Allocation]**.

Currently allocated function keys are displayed to the right of the list, under “Allocated to”.

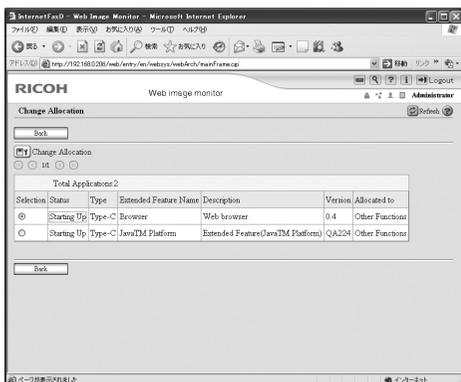
- 3 Select the extended feature whose allocated function key you want to change. Select the radio button under “Selection”.



Note

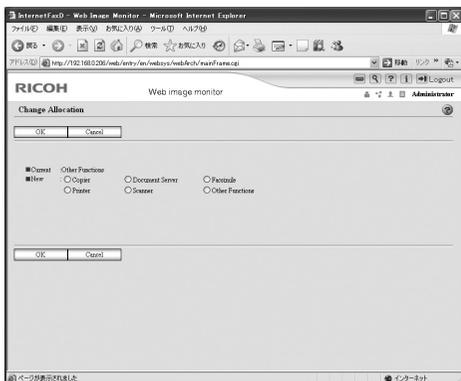
- You cannot select extended features that do not require allocated function keys or cannot have function keys allocated to them.

4 Click [Change Allocation].



The screen for changing function key allocations appears.

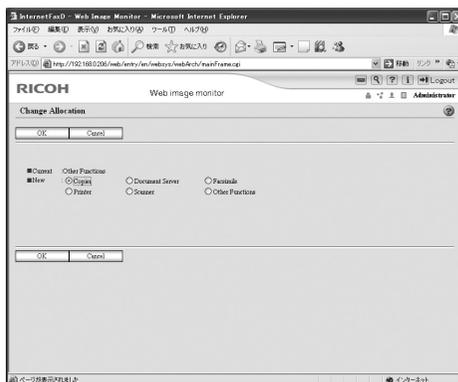
5 Select the radio button of the function key you want to allocate from the "New :!" items.



Note

- The number and names of the function keys differ according to the devices being used.
- If the device has **[Registered Program]** key on its operation panel, you can allocate extended features to them.

6 Click [OK].



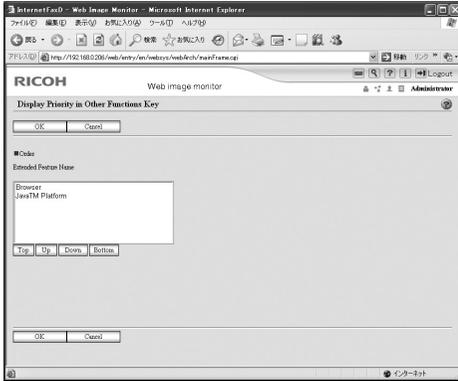
Note

- If you click **[Cancel]**, the Change Allocation screen returns and changes made to function key allocations are not applied.

If the newly allocated function key is the **[Other Functions]** key and other extended features are already allocated to it, a screen for changing their order appears. Proceed to step **7**.

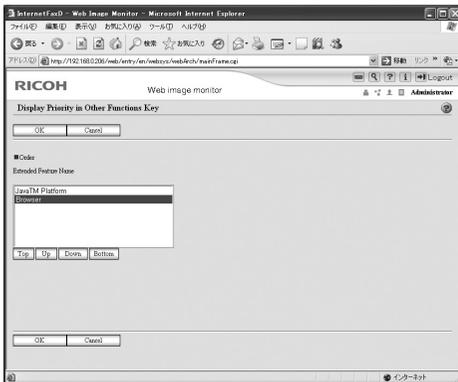
If the newly allocated function key is not the **[Other Functions]** key, changes made to the function key allocation are applied and the Change Allocation screen returns. Proceed to step **9**.

7 Click and highlight the extended feature whose order you want to change, and then move it by clicking [Top], [Up], [Down], or [Bottom].



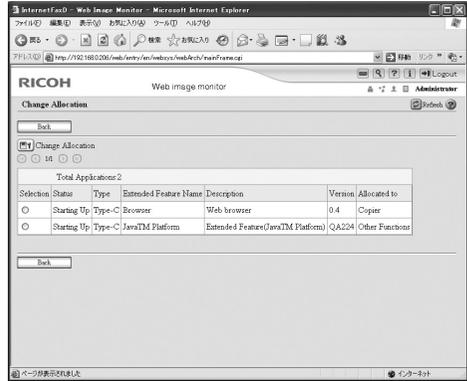
The order set here is displayed on the Other Functions screen that appears when you switch between extended features. For details, refer to *Extended Feature Settings Reference <Devices Version>*.

8 Click [OK].



The Change Allocation screen returns.

9 Confirm that the changed allocation is displayed under "Allocated to", and then click [Back].



Note

- Changes to allocations are applied after you reboot (turn off the machine's main power switch and then turn it back on).

5

6. Administrator Tools

The following explanation covers operations you can perform using the Administrator Tools screen of the Web Image Monitor.

For details about items on this screen, see p.13 "Administrator Tools screen".

Note

- ❑ To set [Administrator Tools], you must login as a machine administrator. For details, see p.6 "Logging in as a machine administrator".
- ❑ You can specify [Heap / Stack Size Settings] only.

Setting Heap / Stack Size

Change the settings of "Heap Size" *1 and "Stack Size" *2 for Type-J extended features.

Note

- ❑ Changed settings are activated after the device has been rebooted.
- ❑ The default "Heap Size" is 8 MB, and the default "Stack Size" is 32 KB.

*1 "Heap" refers to a memory area used by Java™ Platform and related applications.

*2 "Stack" refers to a memory area used to store temporary data for an application.

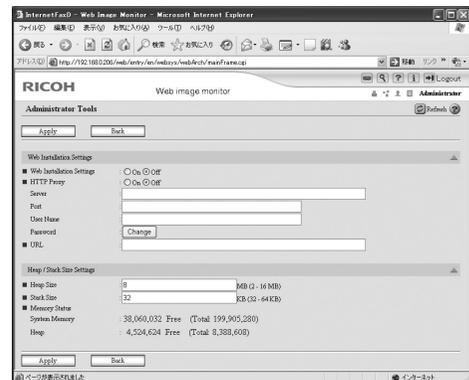
1 Display the configuration menu screen on Web Image Monitor.

Reference

p.5 "Displaying the operation screen"

2 In "Extended Feature Settings", click [Administrator Tools].

The screen for setting "Heap Size" and "Stack Size" appears. The current "Free" and "Total" capacity of System Memory and Heap appear at the bottom of the screen.

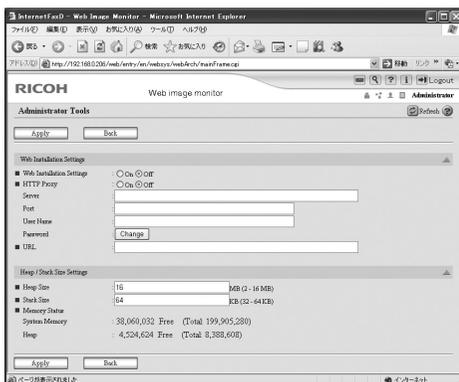


3 Enter the values for "Heap Size" and "Stack Size".

Note

- ❑ The default "Heap Size" is 8 MB, and the default "Stack Size" is 32 KB.

4 Click [Apply].



5 Click [Back].

INDEX

A

Administrator Tools, 25
Administrator Tools screen, 13

C

Change Allocation, 21
Change Allocation screen, 11
Changing allocated function keys, 21

D

Displaying extended feature information, 19
Displaying the operation screen, 5

E

Extended Feature Info, 19
Extended Feature Info screen, 9

I

Introduction, 3

L

Logging in as a machine administrator, 6

S

Screens, 5
Setting Heap / Stack Size, 25
Setting priority, 18
Starting and Stopping extended features, 15
Starting extended features, 15
Startup Setting, 15
Startup Setting screen, 7
Stopping extended features, 16

T

This manual, 4
Type-C extended features, 3
Type-J extended features, 3
Types of extended features, 3

W

Web Image Monitor operations screens, 7
What are extended features?, 3

Some illustrations or explanations in this guide may differ from your product due to improvements or changes in the product.



Notes:

1. The contents of this documents are subject to change without notice.
 2. No part of this document may be duplicated, reproduced in any form, modified or quoted without prior consent of the supplier.
 3. THE SUPPLIER SHALL NOT BE LIABLE FOR THE RESULT OF THE OPERATION OF THIS SOFTWARE OR THE USE OF THIS DOCUMENT.
- 

 **Important**

- It is possible that any document or data stored in the personal computer will be damaged or lost by user error during operation or software error. Be sure to back up all important data beforehand.
- Do not remove or insert any disk while operating this software.
- THE SUPPLIER SHALL NOT BE LIABLE TO YOU FOR DAMAGES OR LOSS OF ANY DOCUMENT OR DATA PRODUCED BY USING THIS SOFTWARE.
- THE SUPPLIER SHALL NOT BE LIABLE TO YOU FOR ANY CONSEQUENTIAL, INCIDENTAL OR INDIRECT DAMAGES (INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFITS, BUSINESS INTERRUPTION OR LOSS OF BUSINESS INFORMATION, AND THE LIKE) CAUSED BY FAILURE OF THIS SOFTWARE OR LOSS OF DOCUMENTS OR DATA, NOR FOR ANY OTHER DAMAGES ARISING OUT OF THE USE OF THIS SOFTWARE, IF THE SUPPLIER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

