

Documents for the Administration Tools

Documents for the [Administration Tools](#) include the following:

[Setup](#)

[Administrator](#)

[Network](#)

[Date & time](#)

[Package](#)

[Shutdown](#)

[Reset of setting](#)

[Save as](#)

[PlayStation2 RTC](#)

[Show status](#)

[Network](#)

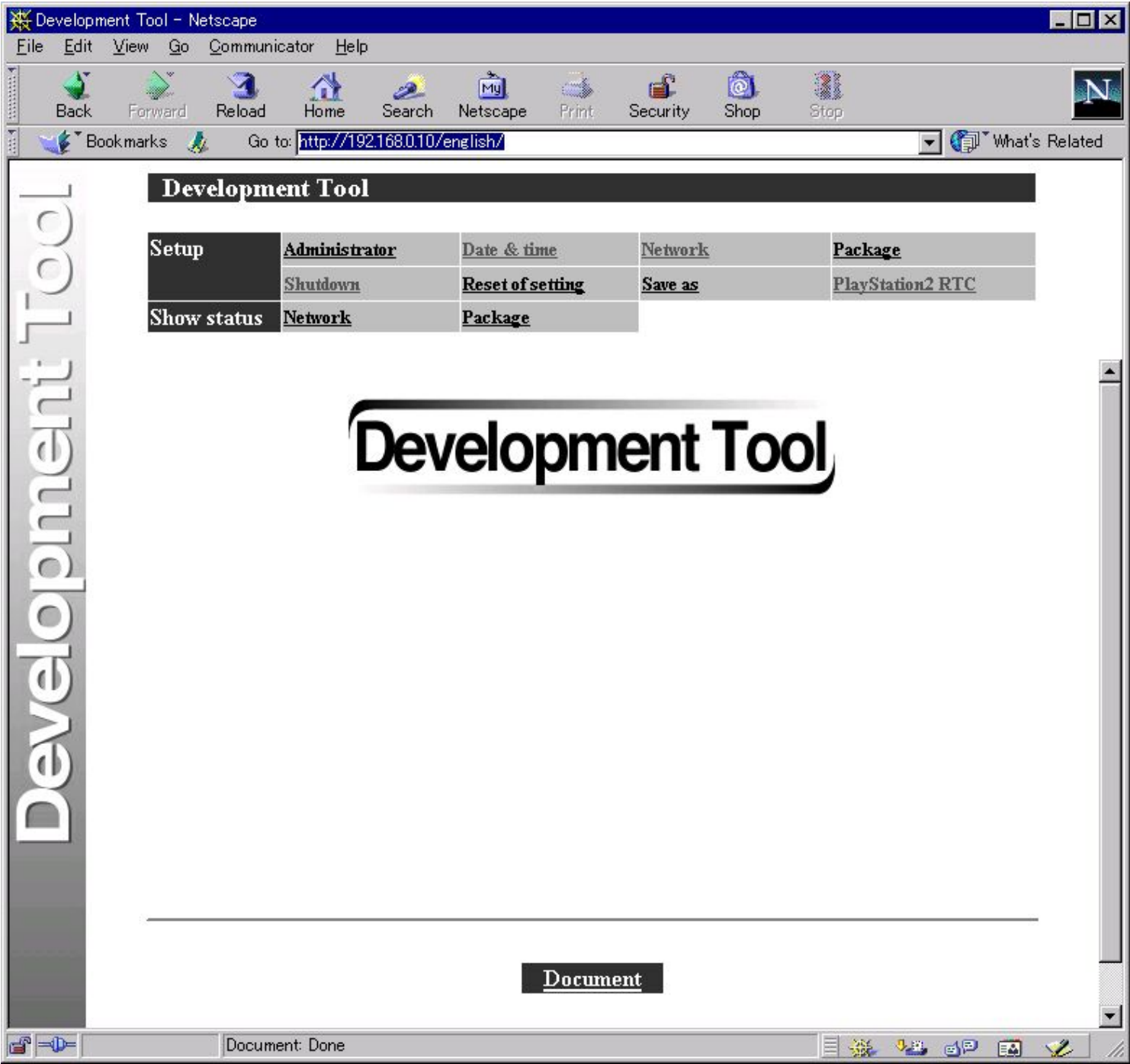
[Package](#)

[Error messages](#)

[Next](#)

Administration Tools

By using the Administration Tool, you can set up and display the status of the PlayStation2 Development Tool.



Setup

When you click one of the items listed at the right of the Setup column on the Development Tool screen that you want to set up, the User name and Password Required dialog appears. Enter the user name and password of the administrator and then click the OK button. The user name "Administrator" is fixed.

Once you entered the password, this dialog will not appear again until you restart the browser, or change the IP address or password.



If either the user name or password is wrong, the following screen appears. Check and see what you entered in the User Name and Password text boxes. Do not confuse the uppercase and lowercase alphabetic characters.



When you enter the user name and password correctly, the selected setup screen appears.

You can configure the following items on the corresponding Setup screen.

- [Administrator](#) Enables you to set the administrator password and start the self-diagnostic program.
- [Network](#) Enables you to set the IP address, DNS, gateway, and so on.
- [Date & time](#) Enables you to set the date and time.
- [Package](#) Enables you to query the information of a package or install a package.
- [Shutdown](#) Enables you to shut down or reboot your machine.
- [Reset of setting](#) Enables you to initialize the administrator password and a network.
- [Save as](#) Enables you to make a setting and save it.
- [PlayStation2 RTC](#) Enables you to set the PlayStation2 RTC.

Show status

When you click one of the items listed at the right of the Show status column of the Development Tool screen that you want to view the status, the screen to show the status of the selected item appears.

You can view the current setting of the following items on the corresponding Show status screen:

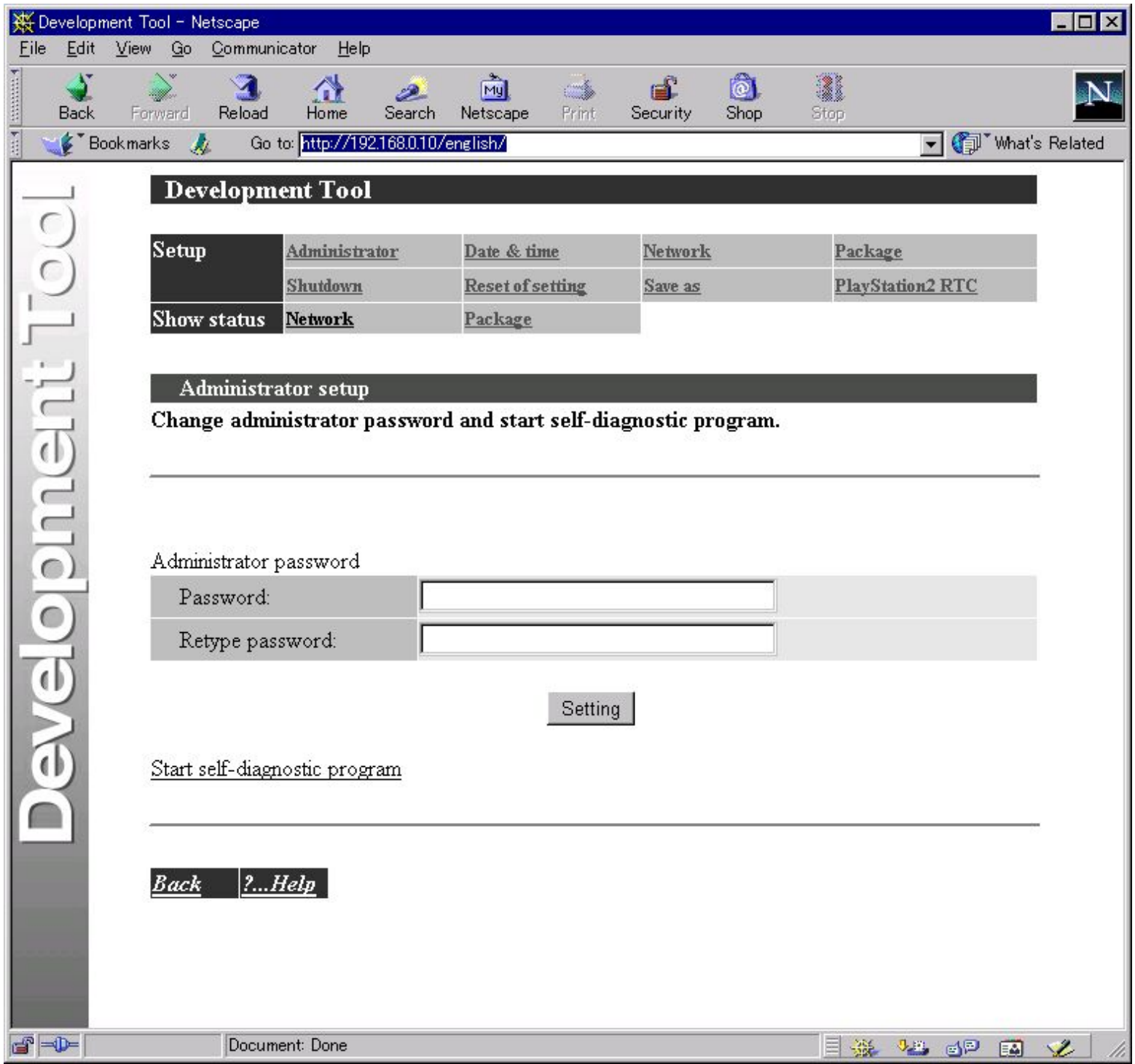
- [Network](#) Displays the current IP address, DNS, gateway, and others.
- [Package](#) Enables you to query and verify the installed packages.

The Show status screens do not require the user authentication.

[Back](#) [Next](#)

Administrator Setup

On the Administrator setup screen, you can change the administrator password and start the self-diagnostic program.



Changing the administrator password

To change settings of this machine, you must enter your user name and password for the user authentication. On this screen, you can change the administrator password required for the user authentication.

Type the same password in the Password and Retype password text boxes, and then click the Setting button.

Do not use a word or character string that can be easily guessed including a host name as your password. If you forget your password, you cannot configure your machine or update drivers. Contact our service representative listed in the back cover of the Instruction Manual if you forgot your password or an error occurs even when you enter the correct password.

Do not use the following as your password:

- Character string consists of six or less characters.
- Character string consists of numerical characters only, lowercase alphabetical characters only, or uppercase alphabetical character only.

If you enter nine or more characters as your password, only the first eight characters are recognized as your password. Note that the ninth character and thereafter are ignored even if you entered.

Starting the self-diagnostic program

By using the self-diagnostic program, you can investigate if the hardware is working properly.

You should use the self-diagnostic program only when your machine works improperly or unstably.

When the self-diagnostic program is completed, if an error message appears, notify our service representative listed in the back cover of the Instruction Manual of the details of the error and message.

[Back]

Enables you to return to the Administration Tools' main menu.

Network Settings

On the Network setting screen, you can make and view the network settings of your machine.

Development Tool - Netscape

File Edit View Go Communicator Help

Back Forward Reload Home Search Netscape Print Security Shop Stop

Go to: http://192.168.0.10/english/ What's Related

Development Tool

Setup	Administrator	Date & time	Network	Package
	Shutdown	Reset of setting	Save as	PlayStation2 RTC
Show status	Network	Package		

Network settings

Setup network of the system.

Please select [Get from DHCP server] or [Specify IP address] and input a necessary items.
click [Setting confirmation] button and confirm settings.

☐ Get from DHCP server

☒ Specify IP address

Host name	devtool
Domain name	sony.co.jp
Primary DNS server	192.168.0.100
Secondary DNS server	
IP address	192.168.0.10
Subnetmask	255.255.255.0
Default gateway	

Setting confirmation Reset

Document: Done

To configure a network

- Ask the network administrator of your organization if the settings are correct.
- Select the [Get from DHCP server] or [Specify IP address] option.
- Enter a value in each text box.
- Click the Setting confirmation button.

[Get from DHCP server]

Select this option when you want the IP address to be set automatically by using the DHCP server function. With this option selected, the IP address and subnetmask you entered in the corresponding text boxes are ignored since the DHCP server sets those values.

When you enter values in the Host name, Default gateway and name server settings (such as Domain name, Primary DNS server, and Secondary DNS server) text boxes, if you can obtain values from the DHCP server, the values from the DHCP server are

preceded. It takes 40 to 50 seconds for the DHCP server to complete the configuration.

Note : If you cannot obtain an IP address from the DHCP server, the following values are used automatically.

IP address : 192.168.0.10

Subnetmask : 255.255.255.0

[Specify IP address]

Select this option when you want to configure a network manually.

Enter a value in each text box. The IP address is the essential setting.

If you do not enter a value in the Host name text box, "devtool" is used.

If you do not enter a value in the Subnetmask text box, the value determined by the class of the IP address is used.

Description of each item

[Host name]

Enter your host name.

[Domain name]

Enter your Internet domain name.

[Primary DNS server]

Enter the IP address of your primary DNS server. Use the xxx.xxx.xxx.xxx (xxx = 0 to 255) form.

[Secondary DNS server]

Enter the IP address of your secondary DNS server. Use the xxx.xxx.xxx.xxx (xxx = 0 to 255) form.

[IP address]

Enter the IP address for this machine. Use the xxx.xxx.xxx.xxx (xxx = 0 to 255) form. This value is not used when you select the Get from DHCP server option.

[Subnetmask]

Enter the subnetmask. Use the xxx.xxx.xxx.xxx (xxx = 0 to 255) form. This value is not used when you select the Get from DHCP server option.

[Default gateway]

Enter the IP address of the default gateway. Use the xxx.xxx.xxx.xxx (xxx = 0 to 255) form.

[Setting confirmation]

Click this button to bring up the Confirmation of network setting screen.

[Reset]

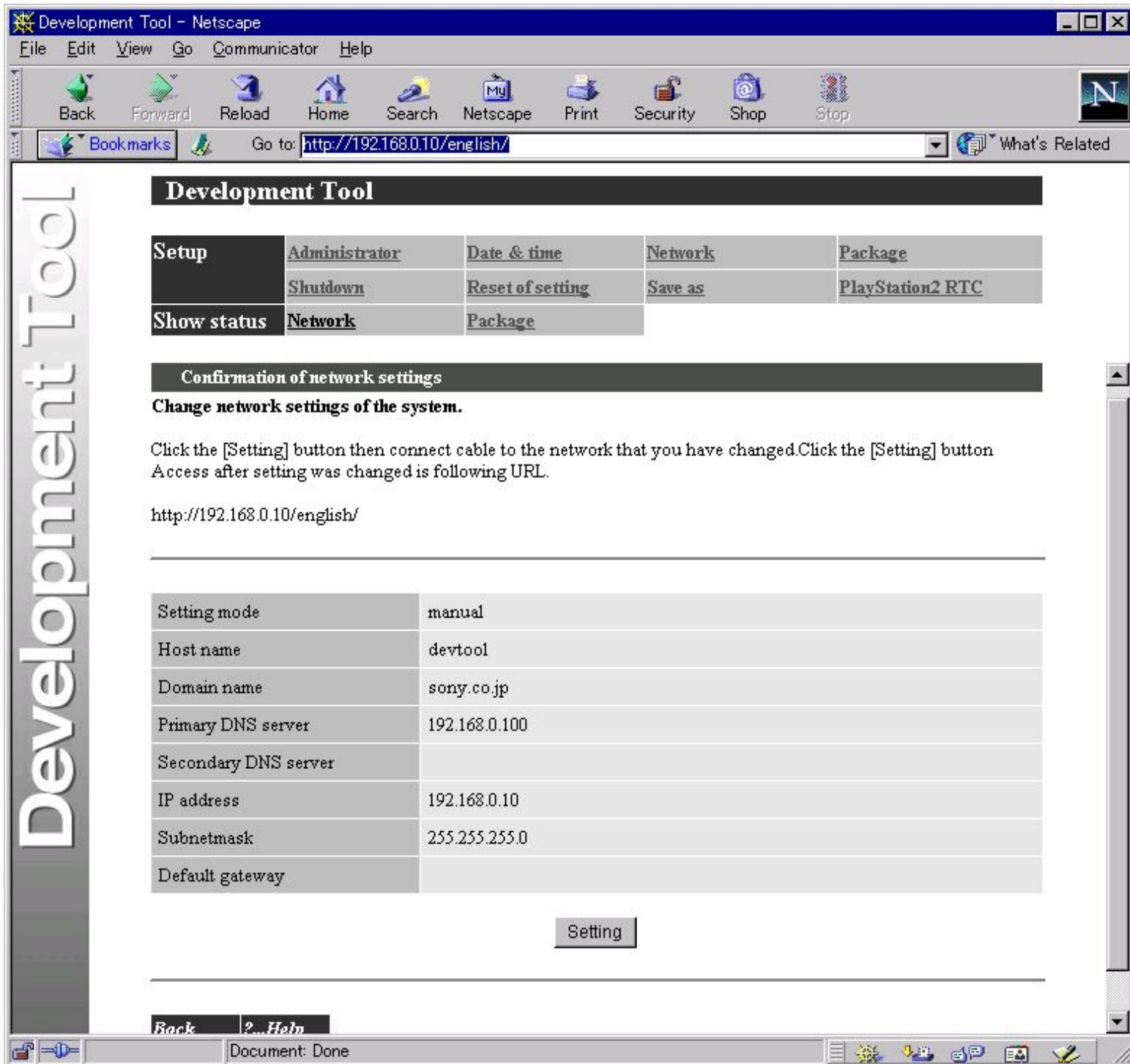
Click this button to clear the values you are entering and show the current settings.

[Back]

Enables you to return to the Administration Tools' main menu.

Confirming Network Settings

The values you entered on the Network setting screen is displayed on the Confirmation of network setting screen. To apply the settings, click the Setting button after you make sure that the values are correct.



[Setting]

Click this button to apply the settings you entered.

Once you configured a network, you may have to change the connection depending on the settings. If you change the IP address of this machine, you also have to change the URL specification of your browser to reflect the change.

If you cannot access to this machine, see "Troubleshooting" of the Instruction Manual.

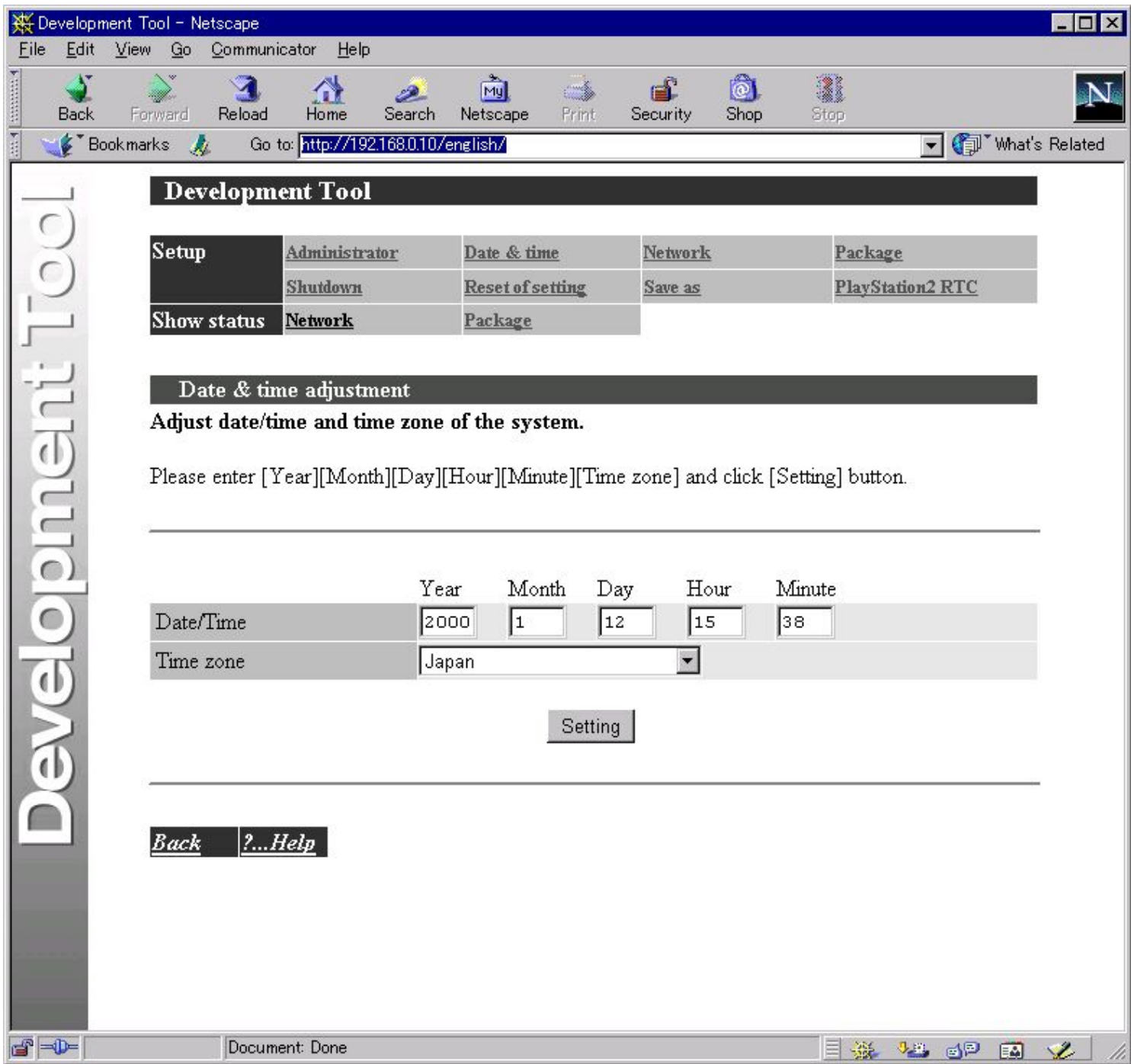
[Back]

Enables you to return to the Network setting screen.

[Top](#) [Back](#) [Next](#)

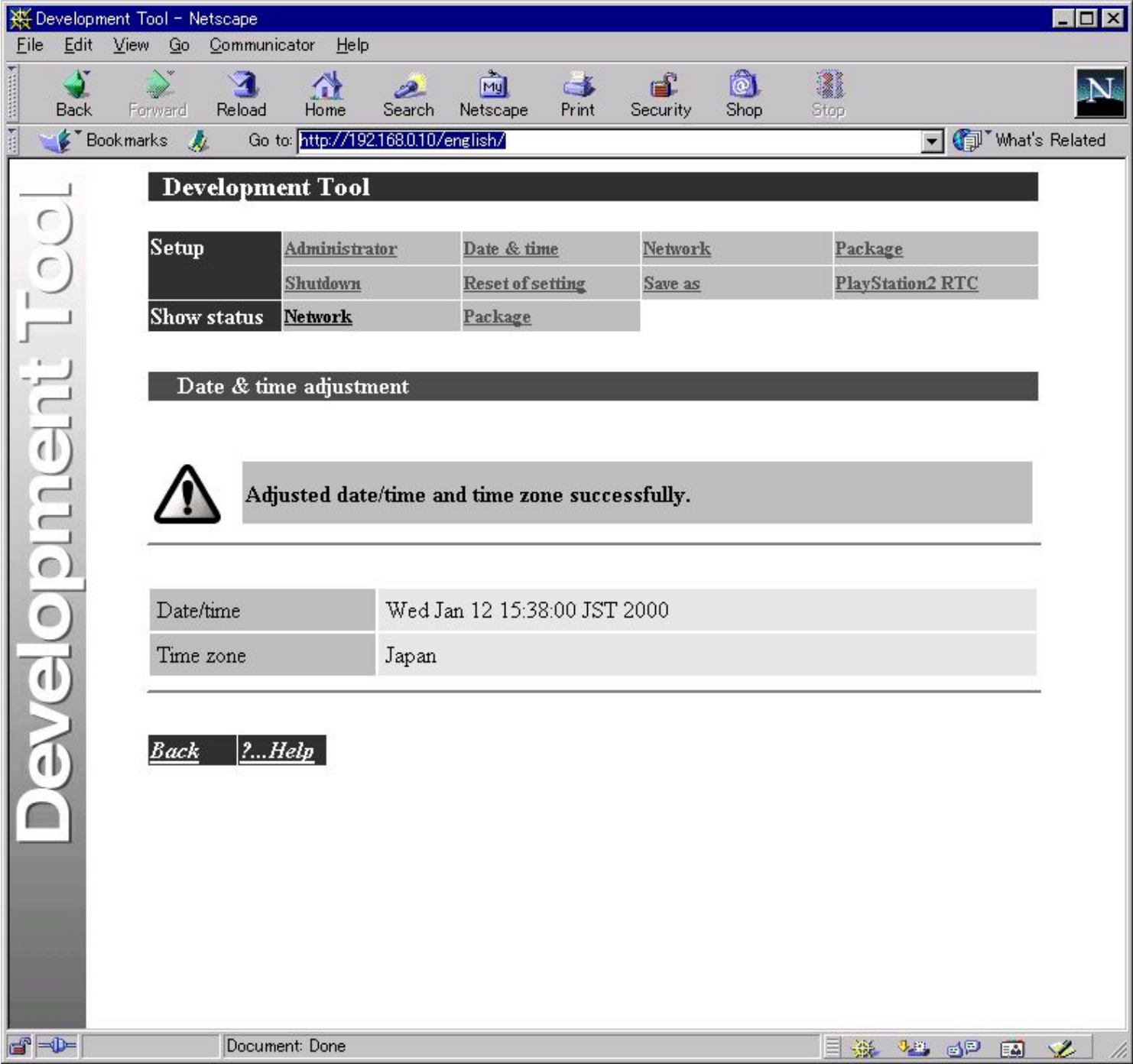
Setting Date and Time

On the Date & time adjustment screen, you can view and configure the current time and time zone that you are in. Enter values in the Year, Month, Day, Hour, Minute, as well as Time zone text boxes, and then click the Setting button.



- [Year]
Enter a value from 1970 to 2037.
- [Month]
Enter a value from 1 to 12.
- [Day]
Enter a value from 1 to 31.
- [Hour]
Enter a value from 0 to 23.
- [Minute]
Enter a value from 0 to 59.
- [Time zone]
Select the time zone that your are in.
- [Setting]

Enables you to automatically adjust your system's clock according to the selected time zone. When the adjustment is completed, the following screen appears. Make sure that the settings you made are correct.

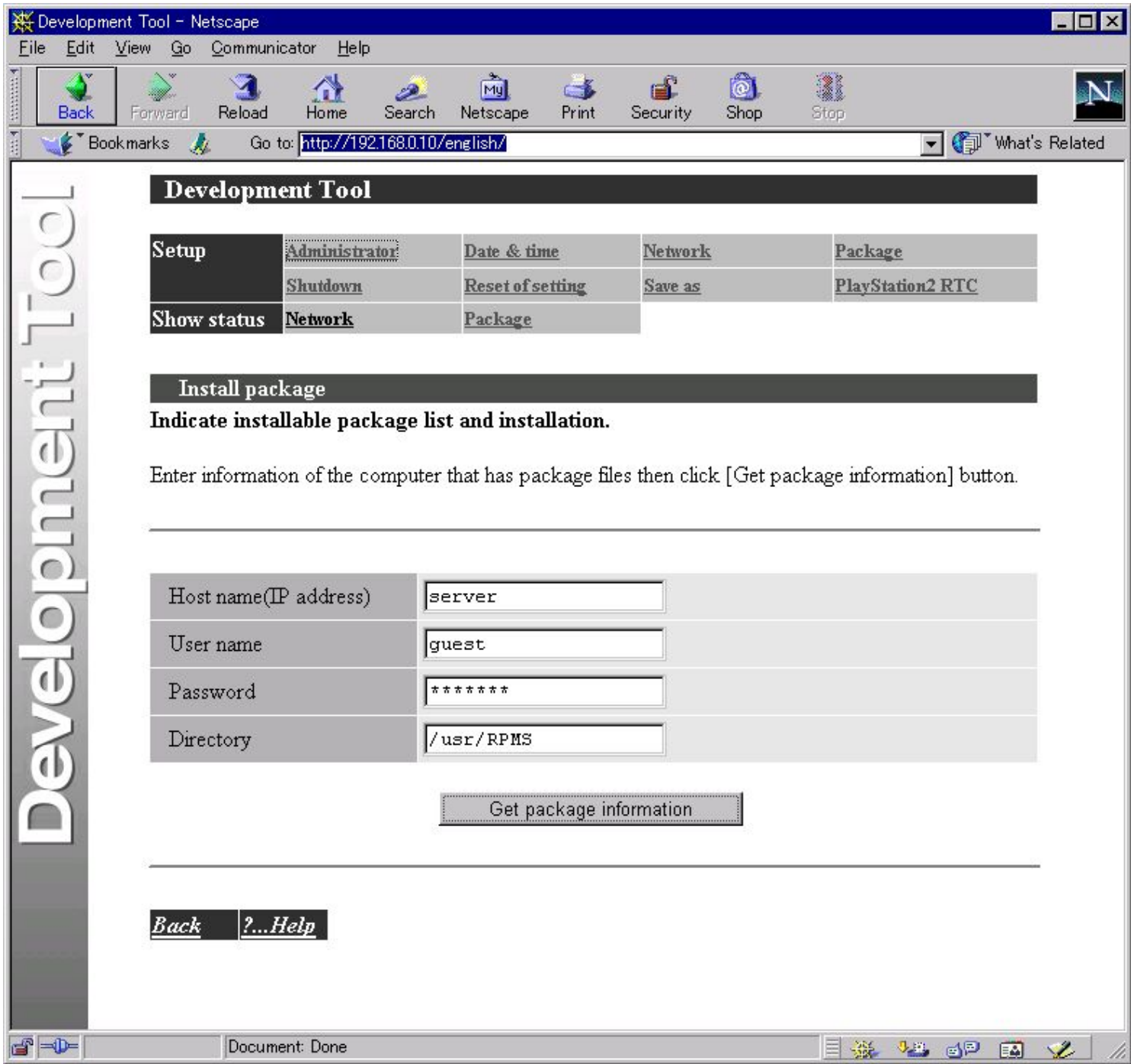


[Back]

Enables you to return to the Administration Tools' main menu.

Packages

On the Install package screen, you can view the list of installable packages and install them.
To do so, enter the host name (IP address) of the computer that contains a package file on a network, the user name and password that you can use to log in by ftp, as well as the Directory where the package file is located. And then, click the Get package information button.
All the values other than the password are stored in a file, and they will be shown from the next time.

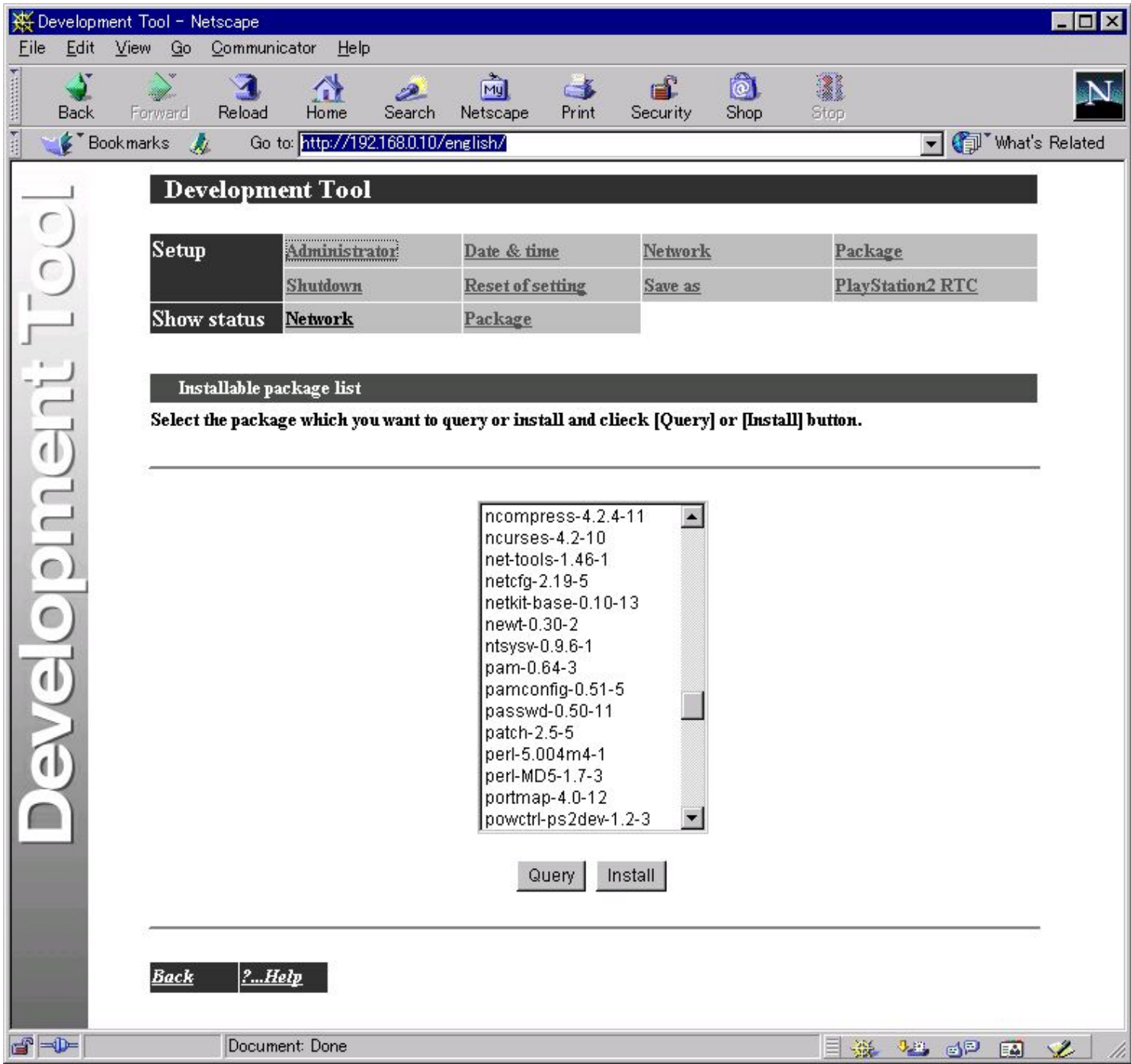


- [Host name (IP address)]**
Enter the host name or IP address of the computer that contains a package file.
- [User name]**
Enter the user name that can be used to log in by ftp.
- [Password]**
Enter the password corresponding to the user name.
- [Directory]**
Specify the directory pathname where an installable package is stored.
- [Get package information]**
Displays the Installable package list on the Install package screen.
- [Back]**
Enables you to return to the Administration Tools' main menu.

Installable package list

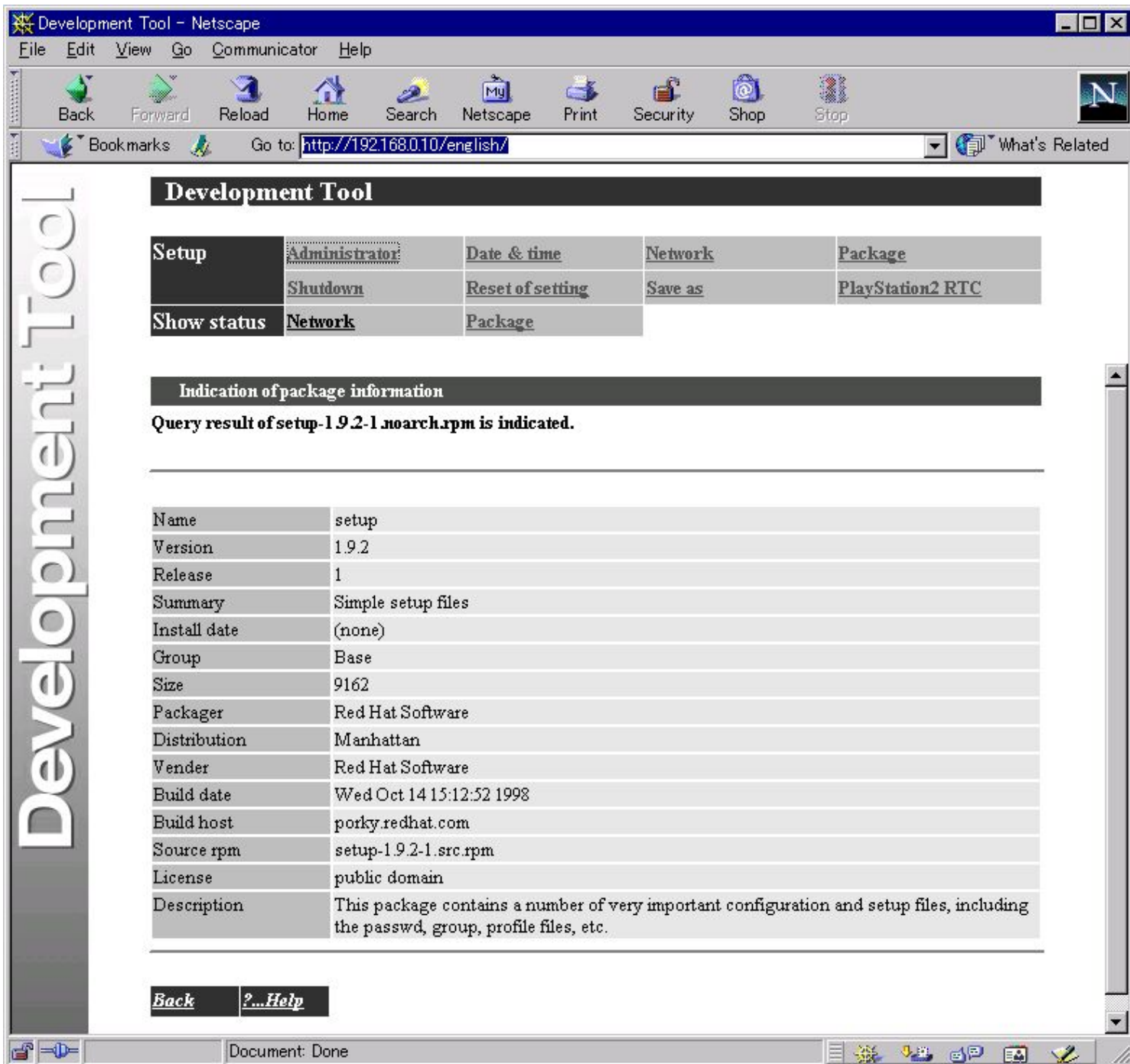
In the list box of your browser, the Installable package list of the computer where package files are located is displayed.

Select the package that you want to query or install from the list, and then click the Query or Install button.



[Query]

Displays details of the package that you selected from the Installable package list as shown below.



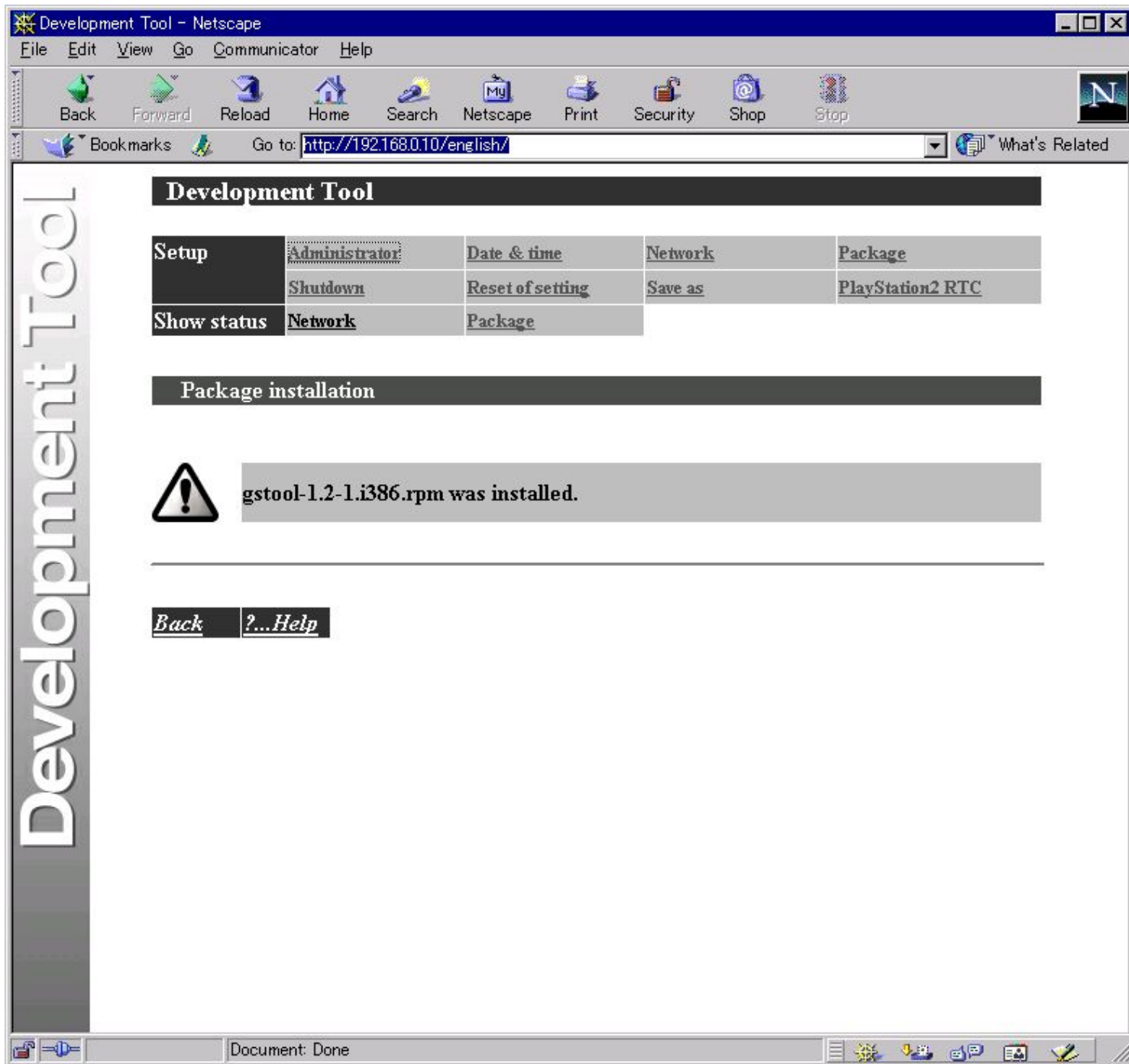
[Back]

Enables you to return to the Installable package list screen.

[Install]

Installs the package you selected from the Installable package list

When you install the new package or upgrade to the newer version, the following screen appears. When you degrade to the older version or reinstall the same version, you see Confirmation of installation screen. Click Install button to install the package, or click Cancel button to cancel installation.



[Back]

Enables you to return to the Installable package list screen.

[Back]

Enables you to return to the Install Package screen.

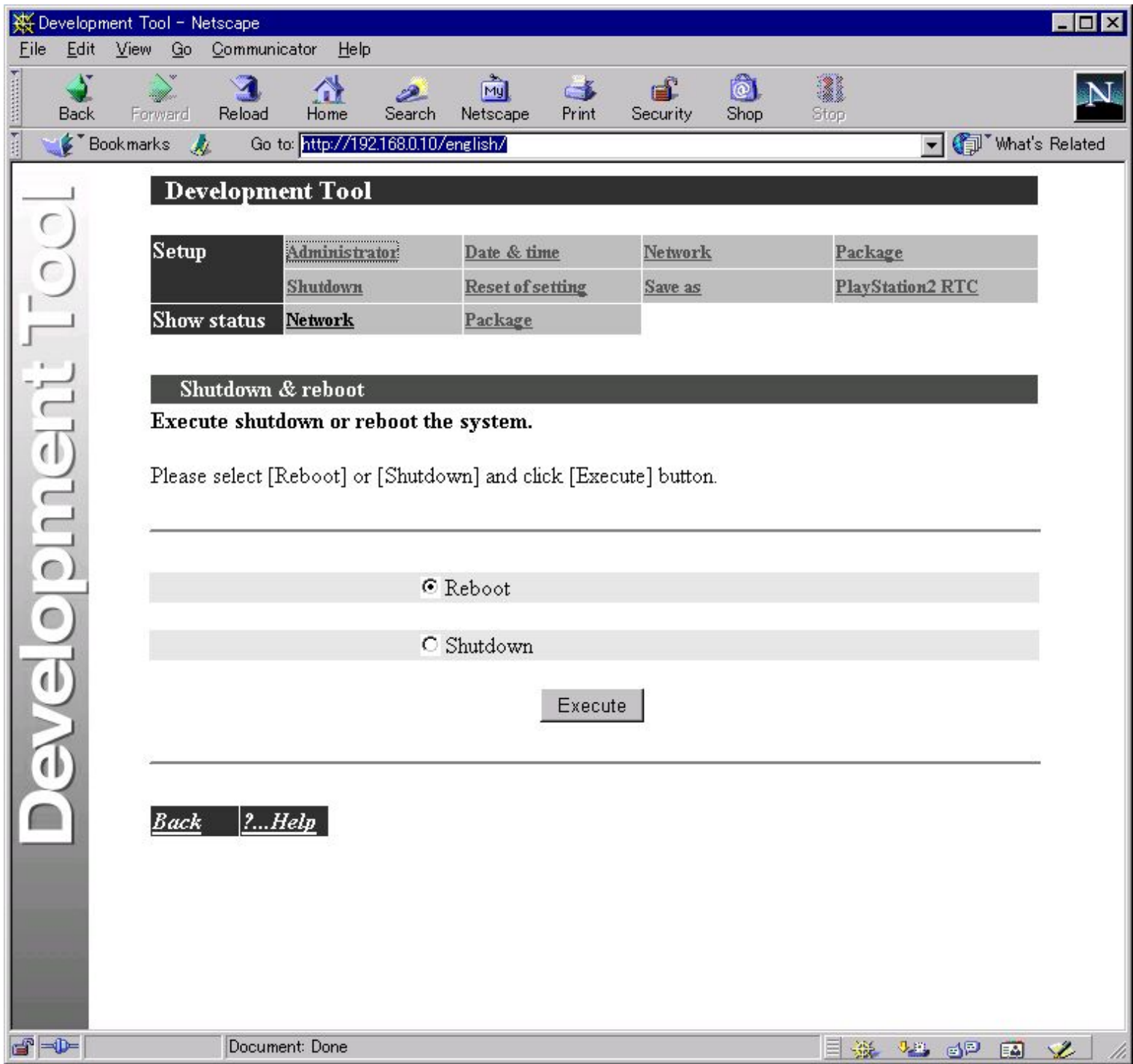
[Top](#) [Back](#) [Next](#)

Shutting down

On the Shutdown & reboot screen, you can reboot and shut down the PlyaStation2 Development Tool. Select the Reboot or Shutdown option, and then click the Execute button.

When you select Reboot and then click the Execute button, the system immediately starts rebooting. In a few minutes, the ON/Standby indicator on the top surface of this machine turns green and the TOOL indicator in the front side turns yellow-green, and the network related information is displayed in the TV that is attached to this machine. The machine is ready.

When you select Shutdown and then click the Execute button, the system immediately starts the shutdown process and turns off the power of the machine automatically.



[Reboot]

Reboots the PlayStation2 Development Tool.

[Shutdown]

Shuts down the PlayStation2 Development Tool.

[Execute]

Starts rebooting or shutting down the machine and shows the status. If you select Reboot, access to the machine again when the machine is ready. If you select Shutdown, close the browser since you cannot access to the machine.

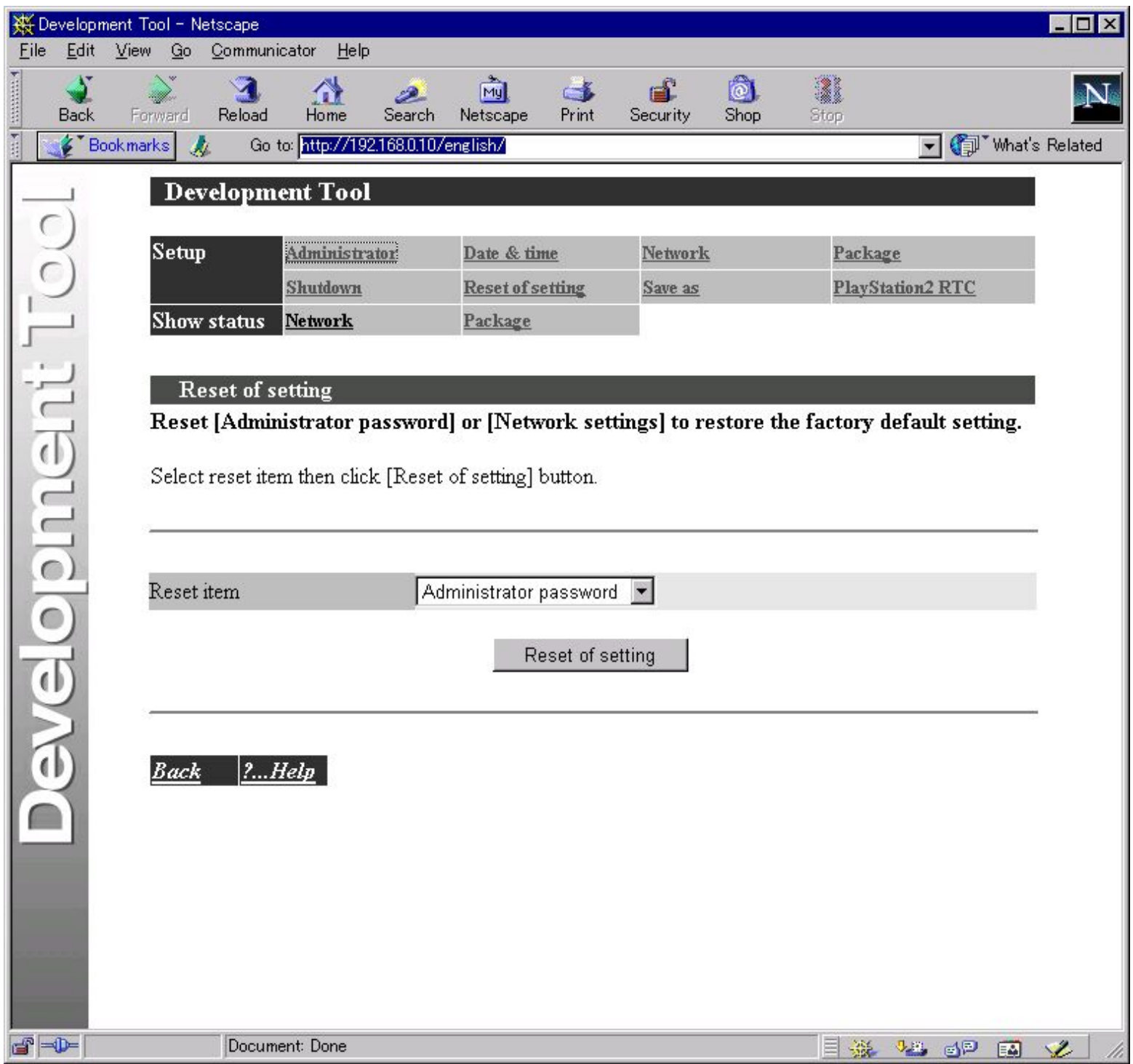
[Back]

Enables you to return to the Administration Tools' main menu.

[Top](#) [Back](#) [Next](#)

Resetting

On the Reset of setting screen, you can reset the current setting of the selected item and restore it to the factory default setting. To do so, select an item to reset and then click the Reset of setting button.



[Reset of setting]

Resets the current setting of the selected item and restores it to the factory default setting.

The items you can reset are as follows:

- Administrator password
- Network settings

When the screen after the one that notifies you of the completion of the process, click Back to return to the Setup main menu.

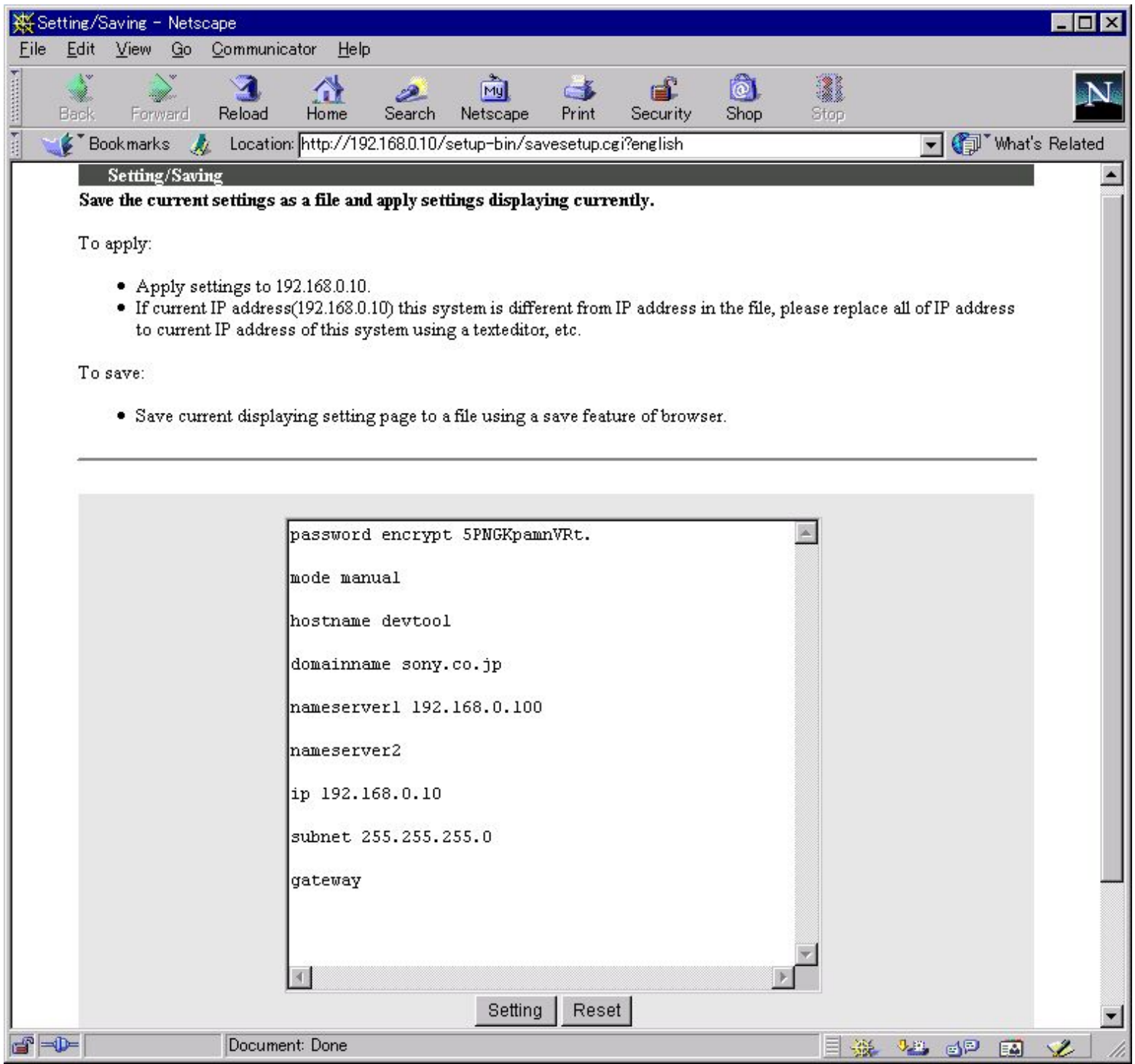
When you clear the administrator password, if you click Back, the authentication dialog of the browser appears. Enter the factory default password.

[Back]

Enables you to return to the Administration Tools' main menu.

Setting/Saving

On the Setting/Saving screen, you can save the administrator password and network information of this machine for a development PC. Also, you can apply the information of this machine saved in the development PC to this machine. To do so, open the information of this machine by using your browser, and click the Setting button.



- To save settings of this machine in a file on your development PC:
- By using the saving to a file function of your browser, you can save the currently displayed page in a file.
- To load the setting file of this machine stored in your development PC and apply them to this machine:
- 1) Before setting up:

If the IP address in the file is different from the IP address of this machine, use a text editor to change the IP address in the file to match it to the current IP address of this machine.

- 2) Open the setting information to apply to this system.
 Use the opening a file function of your browser.
 Note: See the manual of your browser for how to operate the browser.
- 3) Change settings shown in the text area.

You can modify the setting information shown in the text area on the screen before applying them to this machine.

See [Administrator Setup](#) or [Network Settings](#) for details of each of the following items.

Each line of the text area on the screen consists of:

"Keyword" and "Value"

in that order.

If you enter the string other than the keywords listed below, that is regarded as an error and the setting is not made. You can delete the line that contains the item which is not changed.

In addition, domainname, nameserver1, nameserver2, and gateway keyword settings can be cleared by deleting values after those keywords.

List of keywords

password
mode
hostname
domainname
nameserver1
nameserver2
ip
subnet
gateway

Description of keywords

- password encrypt *password*

When you open the page that contains saved settings, the encrypted password of this machine appears. To change the password, delete the encrypted password and the string "encrypt," and then enter a new password.

Note : If you change your password without deleting the string "encrypt" and enter a new password, you cannot access to this machine. Therefore, make sure again that you have deleted the string "encrypt" before clicking the Setting button.

- mode [dhcp | manual]

dhcp: The network is automatically configured by the DHCP server.

Values for keywords other than password set by the DHCP server precedes when values can be obtained from the DHCP server. The values for the IP address and subnetmask keywords must be set by the DHCP server, therefore, even if you specify those values, they will be ignored.

manual: Enables you to set up the network manually.

When you select manual mode, you must specify ip.

- hostname *hostname*

Specify your host name.

- domainname *domainname*

Specify your Internet domain name.

- nameserver1 *nameserver1*

Specify the IP address of your primary DNS server.

- nameserver2 *nameserver2*

Specify the IP address of your secondary DNS server.

- ip *ipaddress*

When you select manual mode, specify the IP address.

- subnet *subnetmask*

When you select manual mode, specify the subnetmask.

- gateway *gateway*

Specify the IP address of the default gateway.

4) Apply the information to this machine.

Apply the setting information shown in the text area to this machine. Make sure that the settings are correct, and click the Setting button.

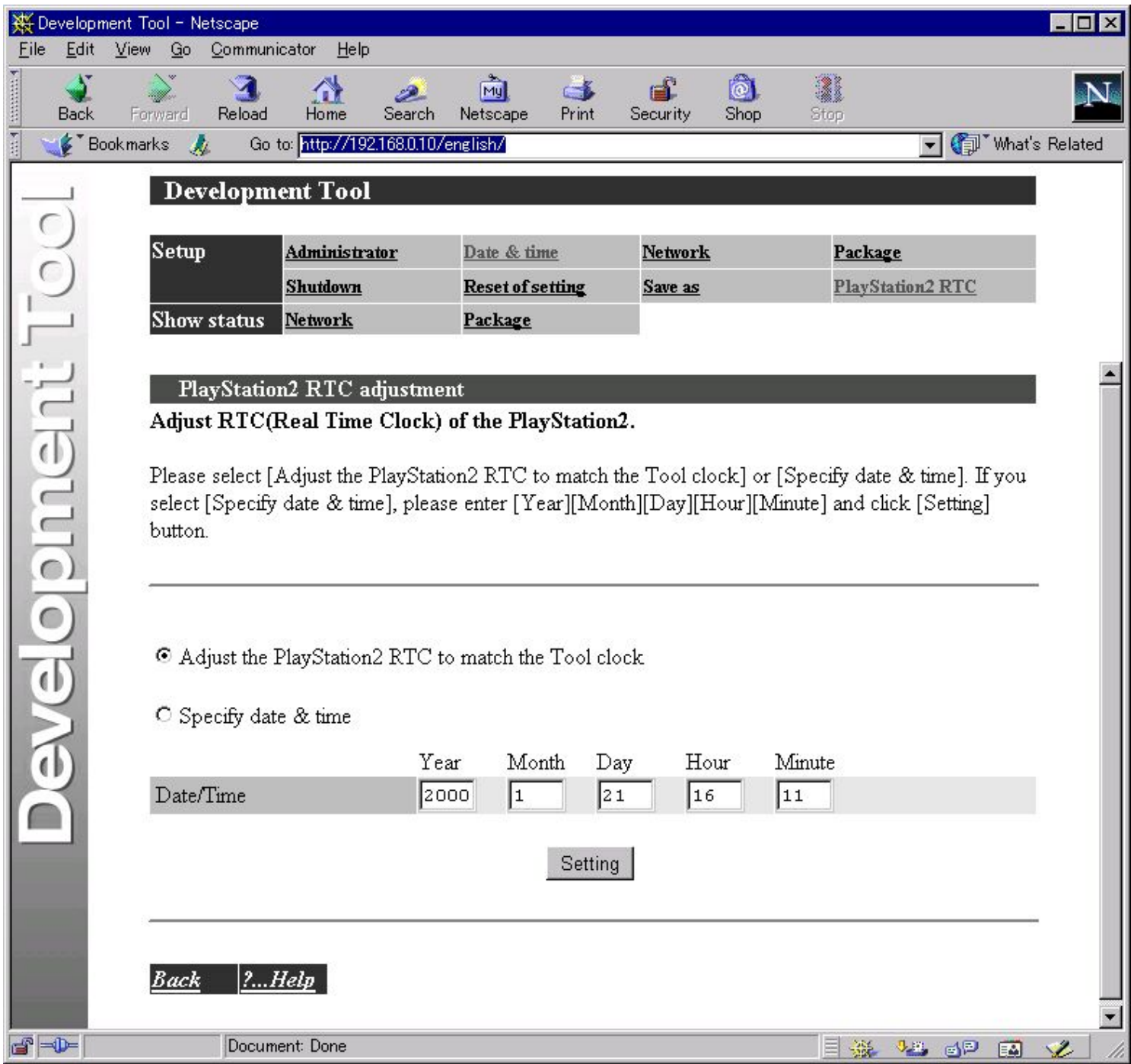
[Reset]

Clears the new settings and shows the current settings.

Setting PlayStation2 RTC

On the PlayStation2 RTC adjustment screen, you can view and configure the PlayStation2 RTC which is used by PlayStation2 software. This RTC is different from tool's clock.

Please select [Adjust the PlayStation2 RTC to match the Tool clock] or [Specify date & time]. If you select [Specify date & time]. please enter values in the Year, Month, Day, Hour, Minute text boxes, and then click the Setting button.



[Adjust the PlayStation2 RTC to match the Tool clock]
Adjust the PlayStation2 RTC to match the Tool clock.

[Specify date & time]
Adjust the PlayStation2 RTC to the specified values.

[Year]
Enter a value from 1900 to 2099.

[Month]
Enter a value from 1 to 12.

[Day]
Enter a value from 1 to 31.

[Hour]

Enter a value from 0 to 23.

[Minute]

Enter a value from 0 to 59.

[Setting]

Enables you to automatically adjust your PlayStation2 RTC. When the adjustment is completed, the following screen appears. Make sure that the settings you made are correct.

Development Tool - Netscape

File Edit View Go Communicator Help


Back Forward Reload Home Search Netscape Print Security Shop Stop

Bookmarks Go to: <http://192.168.0.10/english/> What's Related

Development Tool

Setup	Administrator	Date & time	Network	Package
	Shutdown	Reset of setting	Save as	PlayStation2 RTC
Show status	Network	Package		

PlayStation2 RTC adjustment

 Adjusted PlayStation2 RTC successfully.

Date/time	2000/01/21(Fri) 16:12
-----------	-----------------------

[Back](#) [?...Help](#)

Document: Done

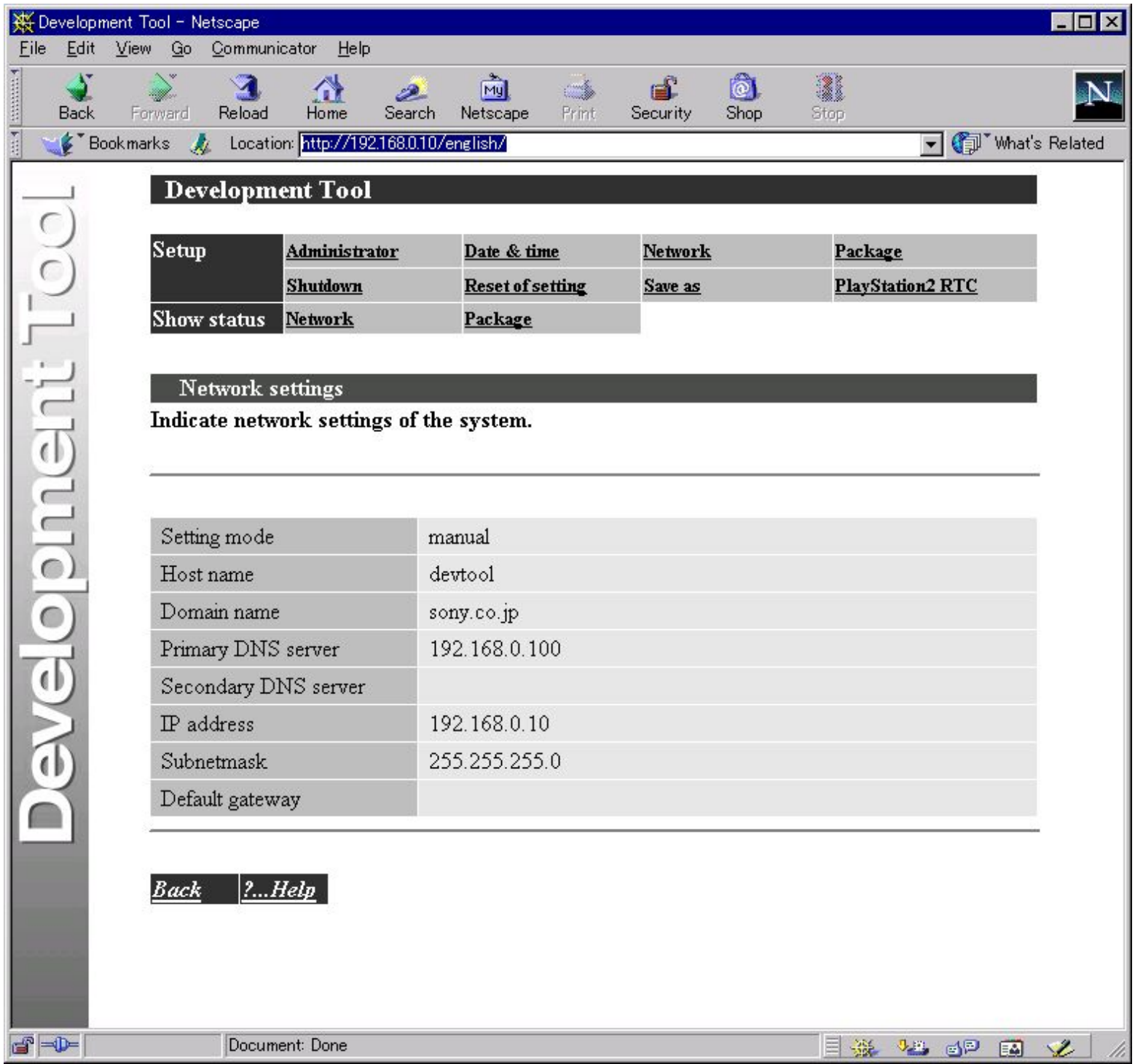
[Back]

Enables you to return to the Administration Tools' main menu.

[Top](#) [Back](#) [Next](#)

Displaying the Network Status

On the Network setting screen, you can view the network setting of this machine.
See [Network Settings](#) for details of each item. After you check the settings, click Back to return to the Show status screen.

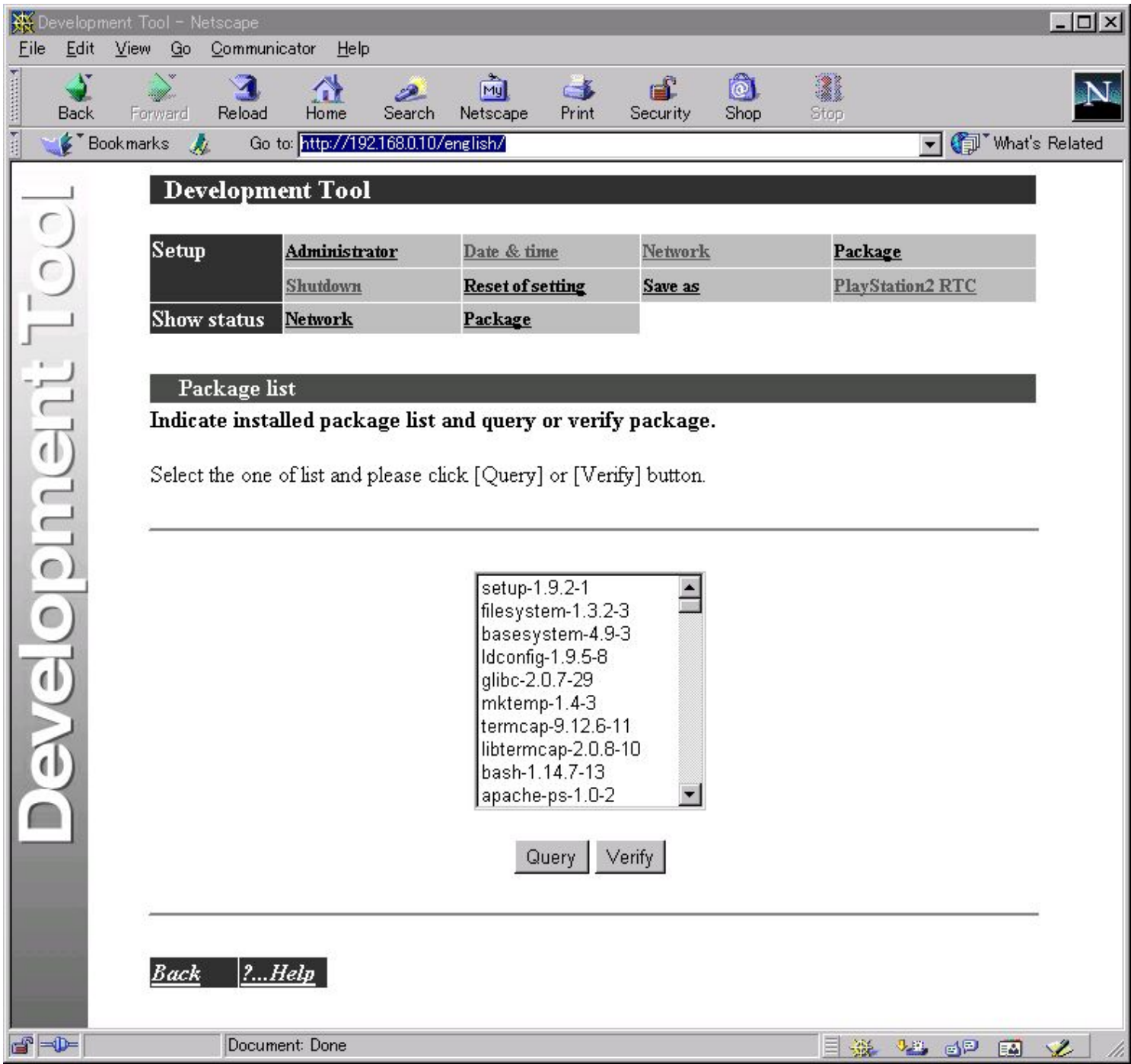


[Back]
Enables you to return to the Administration Tools' main menu.

Displaying the Package Status

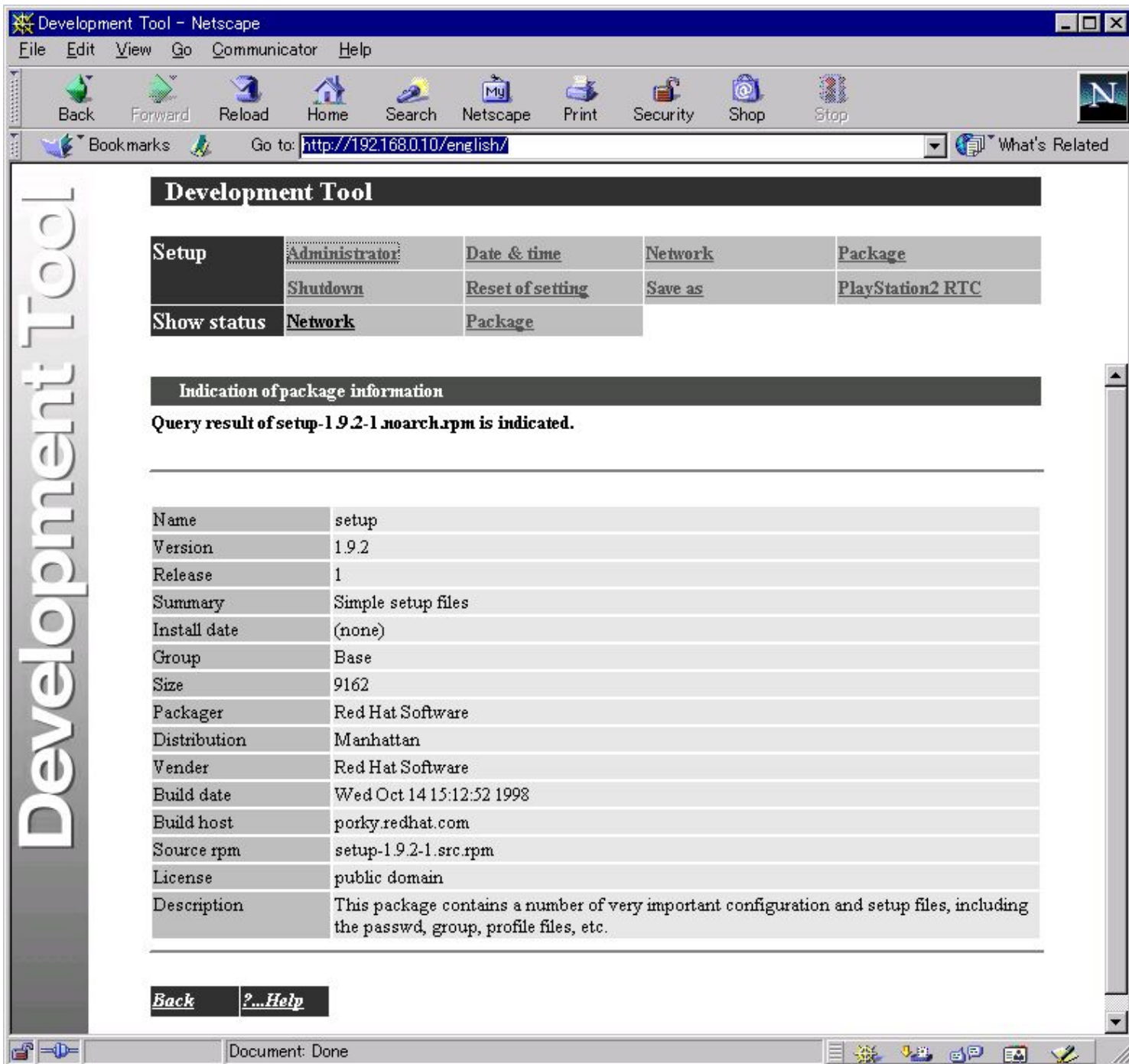
On the Package list screen, you can view the list of packages as well as verification result, and query details of the item selected from the Package list.

Select an installed package from the Package list, and click the Query or Verify button.



[Query]

Enables you to query the item selected from the Package list and display the information written to the package.

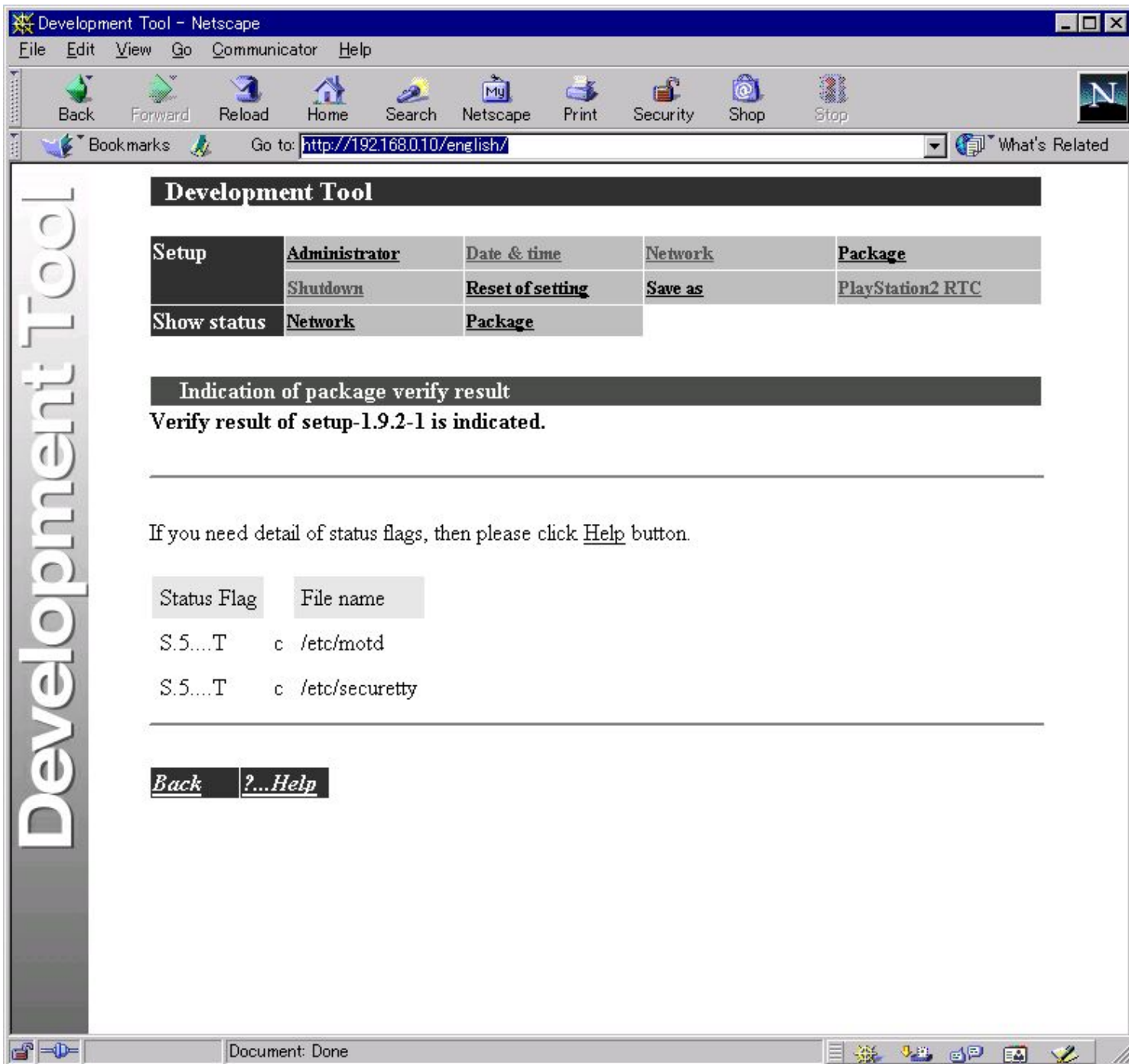


[Back]

Enables you to return to the Package list screen.

[Verify]

Enables you to verify the package selected from the Package list and display the verification result.



The package is verified by comparing the file contained in the package when the package was created to the current file, and then the result is displayed when the verification is completed. For example, the verification result is displayed if the file contained in the verified package is updated due to the verification result of the package.

The verification result of each file is displayed in the following format, which consists of a character that indicates the verification result and the full pathname of the file. If an item of the verification result does not affect the operation or is not a problem, "." (period) is shown in stead of a character.

SM5DLUGT[c] full_pathname_of_the_verified_file

Description of characters

- 5 The checksum of MD5 is different.
- S The file size is different.
- L The link destination of the symbolic link is different.
- T The file is updated.
- D An attribute or mode of the device is changed.
- U The user of the file is changed.
- G The group of the file is changed.

M Mode (including its permission and type) is changed.

c Indicates that it is a setting file. If it is not a setting file, it is blank.

If a file is updated after the installation, the verification result will be as follows:

.....T/usr/local/sony/www/cgi-bin/common.pl

[Back]

Enables you to return to the Package list screen.

[Back]

Enables you to return to the Administration Tools' main menu.

[Top](#) [Back](#)

Error Messages

Network related messages

1. No input IP address.

Click Back to return to the Network setting screen and check what you entered.

When you select [Specify IP address], you must enter the IP address.

2. Network setting error.

Click Back to return to the Network setting screen and check what you entered.

The network setting contains an error. Ask the network administrator if the settings are correct.

3. Invalid IP address.

Click Back to return to the Network setting screen and check what you entered.

The value you entered is not the xxx.xxx.xxx.xxx format or xxx is out of the 0 to 255 range.
Check and see what you entered again.

4. Invalid subnetmask.

Click Back to return to the Network setting screen and check what you entered.

The value you entered is not the xxx.xxx.xxx.xxx format or xxx is out of the 0 to 255 range.
Check and see what you entered again.

5. Invalid primary DNS server.

Click Back to return to the Network setting screen and check what you entered.

The value you entered is not the xxx.xxx.xxx.xxx format or xxx is out of the 0 to 255 range.
Check and see what you entered again.

6. Invalid secondary DNS server.

Click Back to return to the Network setting screen and check what you entered.

The value you entered is not the xxx.xxx.xxx.xxx format or xxx is out of the 0 to 255 range.
Check and see what you entered again.

7. Invalid default gateway.

Click Back to return to the Network setting screen and check what you entered.

The value you entered is not the xxx.xxx.xxx.xxx format or xxx is out of the 0 to 255 range.
Check and see what you entered again.

8. Invalid host name.

Click Back to return to the Network setting screen and check what you entered.

You can use only one-byte alphabetical and numerical characters for a host name. Check and see what you entered.

9. Invalid domain name.

Click Back to return to the Network setting screen and check what you entered.

You cannot use the following characters for a domain name. Check and see what you entered again.

- Non-alphabetical and non-numerical characters.
 - More than one ". (period)" consecutively.
 - "_" and "@"
 - Character string beginning or ending with ". (period)."
-

10. Invalid IP address or subnetmask.

Click Back to return to the Network setting screen and check what you entered.

The IP address or subnetmask you entered is invalid. Ask the network administrator of your organization if the settings are correct.

Date and time related messages

1. An error occurred while setting the time zone.

A fatal error may occur in your machine. Contact our service representative listed in the back cover of the Instruction Manual.

2. An error occurred while setting the time.

A fatal error may occur in your machine. Contact our service representative listed in the back cover of the Instruction Manual.

3. Invalid year.

Click Back to return to the Date & time screen and check what you entered.

The value you entered is out of the 1970 to 2037 range. Check and see what you entered again.

4. Invalid month.

Click Back to return to the Date & time screen and check what you entered.

The value you entered is out of the 1 to 12 range. Check and see what you entered again.

5. Invalid date.

Click Back to return to the Date & time screen and check what you entered.

The value you entered is out of the 1 to 31 range or an invalid day of the month you entered. Check and see what you entered again.

-
6. Invalid hour.
Click Back to return to the Date & time screen and check what you entered.
The value you entered is out of the 0 to 23 range. Check and see what you entered again.
-
7. Invalid minute.
Click Back to return to the Date & time screen and check what you entered.
The value you entered is out of the 0 to 59 range. Check and see what you entered again.
-

Package related messages

1. An error occurred while installing a package.
You could not install the package.
A fatal error may occur in your machine. Contact our service representative listed in the back cover of the Instruction Manual.
-
2. Log-in error.
Click Back to return to the Install package screen and check the user name and password.
You could not log in to the computer with the specified host name (IP address) by using the user name and password that you entered. Check and see the user name and password again.
The host name can be used only when the DNS server is working and you set to use the DNS server on the Network setting screen.
-
3. Package not selected.
Click Back to return to the Install package screen and select a package.
You did not select a package. You must select one package.
-
4. Invalid host name (IP address) or the computer with the specified host name (IP address) may not be working.
Click Back to return to the Install package screen and check what you entered.
The computer with the specified host name (IP address) is not found or not working. Check the host name (IP address) again. The host name can be used only when the DNS server is working and you set to use the DNS server on the Network setting screen.
-
5. Package not found.
The package file is not found in the directory of the computer with the specified host name (IP address). Check the host name (IP address) and directory again. The host name can be used only when the DNS server is working and you set to use the DNS server on the Network setting screen.
-

6. The specified directory is not found.

Click Back to return to the Install package screen, and check what you specified again.

The RPM path of the computer with the specified host name (IP address) is not found. Check and see the host name (IP address) and directory again. The host name can be used only when the DNS server is working and you set to use the DNS server on the Network setting screen.

Password related messages

1. Password not entered or not retyped.

Click Back to return to the Setup screen, and then enter and retype the password.

You did not enter your password or did not retype the password. Enter it and retype it again.

2. Use one-byte alphabetical and numerical characters for password.

You can use only one-byte alphabetical or numerical characters for your password. Enter your password again.

3. Password and retyped password mismatch.

Click Back to return to the Setup screen and check what you entered.

The password and retyped password did not match. Enter the password and retype it again.

4. Password must be more than six characters.

Click Back to return to the Setup screen and check what you entered.

The password must be seven or more characters. Enter more than six alphabetical or numerical characters.

5. Digit-only password unaccepted.

Click Back to return to the Setup screen and check what you entered.

A password must be a mix of one-byte numerical characters, one-byte lowercase characters, and one-byte uppercase characters. At least two of those character types must always be used. Enter your password again.

6. Lowercase letter only password unaccepted.

Click Back to return to the Setup screen and check what you entered.

A password must be a mix of one-byte numerical characters, one-byte lowercase characters, and one-byte uppercase characters. At least two of those character types must always be used. Enter your password again.

7. Uppercase letter only password unaccepted.

Click Back to return to the Setup screen and check what you entered.

A password must be a mix of one-byte numerical characters, one-byte lowercase characters, and one-byte uppercase characters. At least two of those character types must always be used. Enter your password again.

Setting and saving related messages

1. Invalid keyword found.

Click Back to return to the Setting/Saving screen and check what you entered.

The keywords that you can use on the Setting/Saving screen are as follows:

- password
- mode
- hostname
- domainname
- nameserver1
- nameserver2
- ip
- subnet
- gateway

You cannot use a keyword other than listed above. Check and see what you entered again.

2. Keyword "mode" not set.

Click Back to return to the Setting/Saving screen and check what you entered.

You did not enter a value in the keyword "mode." Enter "dhcp" or "manual" after the keyword, or delete the line that contains the keyword "mode".

PlayStation2 RTC related messages

1. Not supported operation

This operation is not supported on current machine. Contact our service representative listed in the back cover of the Instruction Manual.

2. An error occurred while getting the time from PlayStation2 RTC.

A fatal error may occur in your machine. Contact our service representative listed in the back cover of the Instruction Manual.

3. An error occurred while setting the PlayStation2 RTC.

A fatal error may occur in your machine. Contact our service representative listed in the back cover of the Instruction Manual.

-
4. Invalid year.
Click Back to return to the PlayStation2 RTC screen and check what you entered.
The value you entered is out of the 1900 to 2099 range. Check and see what you entered again.
 5. Invalid month.
Click Back to return to the PlayStation2 RTC screen and check what you entered.
The value you entered is out of the 1 to 12 range. Check and see what you entered again.
 6. Invalid date.
Click Back to return to the PlayStation2 RTC screen and check what you entered.
The value you entered is out of the 1 to 31 range or an invalid day of the month you entered.
Check and see what you entered again.
 7. Invalid hour.
Click Back to return to the PlayStation2 RTC screen and check what you entered.
The value you entered is out of the 0 to 23 range. Check and see what you entered again.
 8. Invalid minute.
Click Back to return to the PlayStation2 RTC screen and check what you entered.
The value you entered is out of the 0 to 59 range. Check and see what you entered again.
-

File IOs

1. An error occurred while opening a file.
2. An error occurred while loading a file.
3. An error occurred while writing a file.
4. An error occurred while copying a file.
5. An error occurred while linking a file.
6. An error occurred while changing a file name.

A fatal error may occur in your machine. Contact our service representative listed in the back cover of the Instruction Manual.

[Back](#)