



NIS Shell Extension User's Manual

Introduction

This manual explains how to use the NIS Shell Extension.

This manual describes how to install NIS Shell Extension, how to uninstall it, and how to display images during installation.

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1. Description of the Software

1.1 Purpose

Among the image file formats that can be saved by NIS-Elements, some with specific extensions cannot display thumbnails or previews in Windows Explorer.

NIS Shell Extension is an extension that enables thumbnails and previews of these image files to be displayed in Explorer. With this extension, the contents of image files can be checked without opening them in NIS-Elements.

For users of NIS-Elements version 5.42.00 or later, please install this version of NIS Shell Extension. For users of NIS-Elements V5.41.01 or earlier, NIS Shell Extension is not installed, so please install this version.

This application includes fixes for the vulnerabilities listed in the table below.

■ Fixed vulnerabilities

Vulnerability Category	Vulnerability Impact	CVE-ID	Affected Image Files
out-of-bounds read	execute malicious code	CVE-2022-40656	ND2 file
		CVE-2022-40662	TIFF files
		CVE-2022-40663	TIFF files
heap-based buffer overflow	execute malicious code	CVE-2022-40661	BMP files
		CVE-2022-40660	PSD files
		CVE-2022-40655	ND2 file
out-of-bounds write	execute malicious code	CVE-2022-40657	PSD files
		CVE-2022-40658	TIFF files
		CVE-2022-40659	TIFF files

1.2 Supported File Extensions

NIS Shell Extension enables thumbnail and preview display for image files with the following extensions:

■ Supported File Extensions by NIS Shell Extension

- ND2
- JP2
- LIM

For image files with extensions other than those listed above, thumbnails and previews are displayed even if this application is not installed.

2. Installation

2.1 Installation Procedure

To install NIS Shell Extension, perform the following steps.

- 1 Double-click
“NIS_ShellExt_Setup_5.40.00_1645.exe” to
run it.

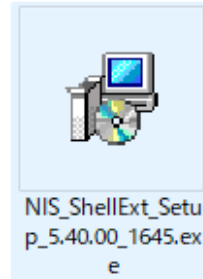


Fig. 1 Launching the installer

- 2 The installation screen will appear. Click
“Next” to proceed to the pre-installation
confirmation screen.

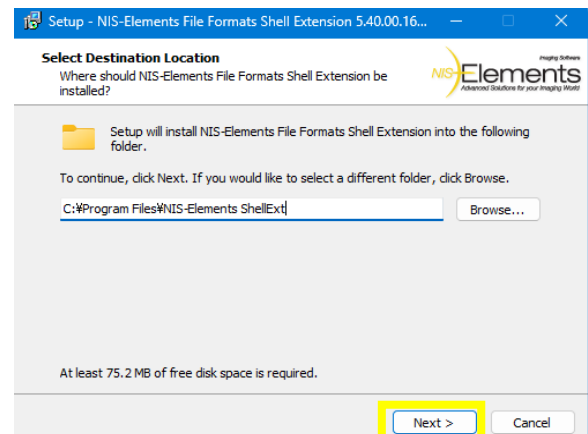


Fig. 2 Installation screen opens

- 3 Click “Install” to begin the installation.

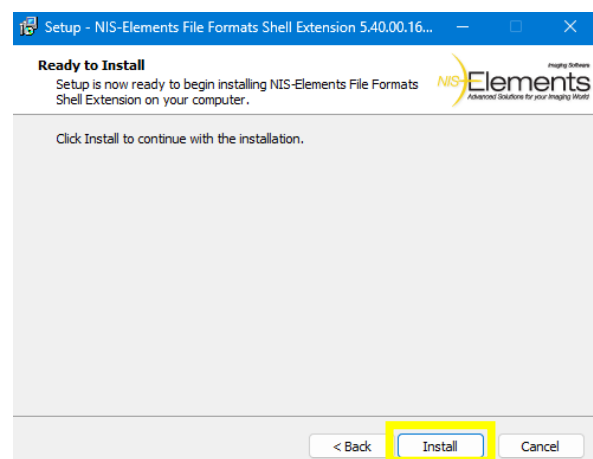


Fig. 3 Pre-installation confirmation screen

- 4 When the installation completion screen appears, click “Finish” to exit the installation.

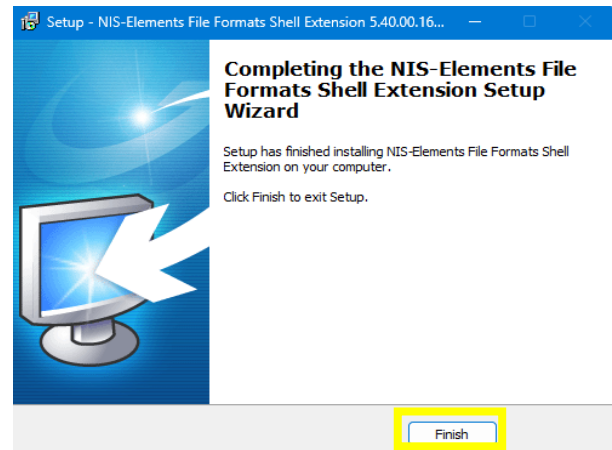


Fig. 4 Installation completion screen

2.2 Uninstallation Procedure

To uninstall NIS Shell Extension, perform the following steps.

Note: Uninstalling NIS Shell Extension also requires the uninstallation of NIS-Elements.

- 1 From the Windows Start menu, select “NIS-Elements 5.xx.xx 64-bit” and then select “Uninstall 5.xx.xx 64-bit.”



Fig. 5 Start Menu

- 2 A confirmation screen appears before uninstallation. Click “Yes” to begin the uninstallation process.

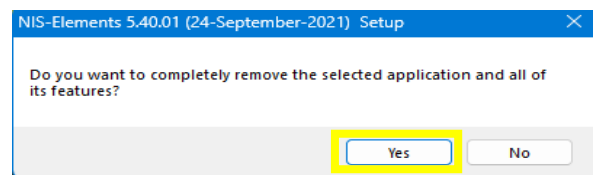


Fig. 6 Pre-uninstallation confirmation screen

- 3 During uninstallation, a confirmation screen for uninstalling NIS Shell Extension is displayed. Click “Yes” to proceed with the uninstallation.

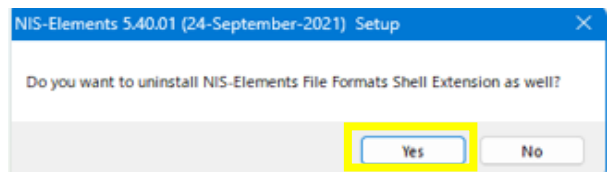


Fig. 7 Shell Extension Uninstallation Confirmation Screen

- 4 When the “Uninstall Complete” screen appears, click “Finish” to complete the uninstallation.

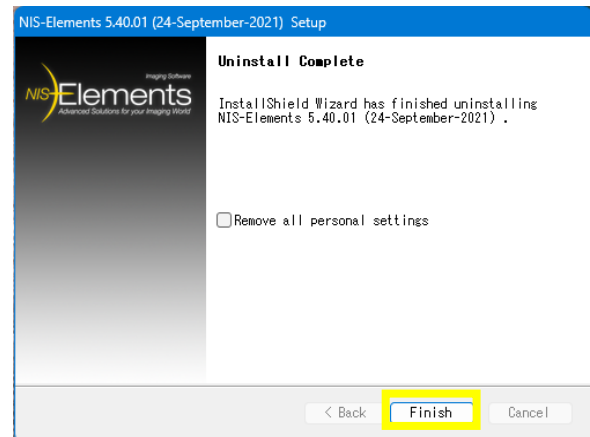


Fig. 8 Uninstallation completion screen

3. Displaying Thumbnails and Preview Images

3.1 When the NIS Shell Extension is installed

When the NIS Shell Extension is installed, thumbnails for ND2, JP2, and LIM files are displayed.

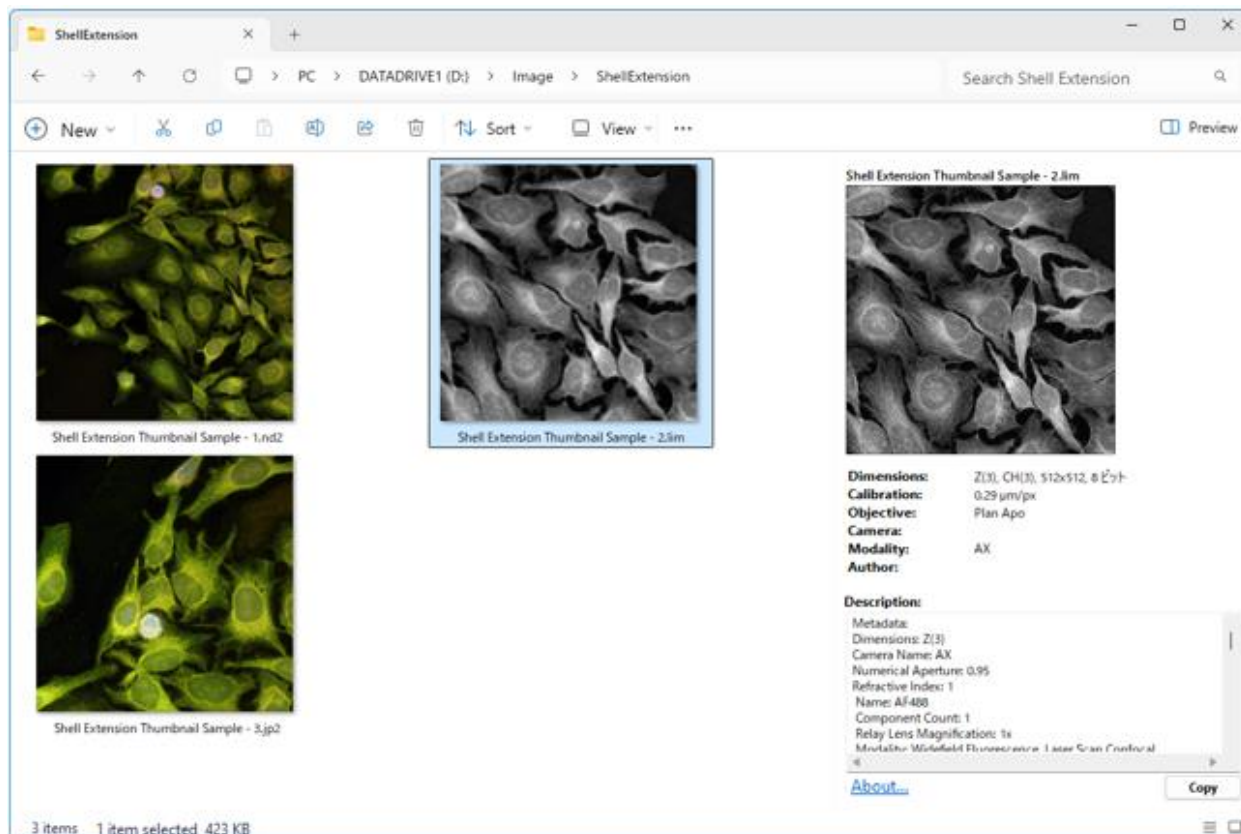


Fig. 9 With Shell Extension

3.2 When the NIS Shell Extension is not installed

If the NIS-Elements V5.40.01 or earlier is used and the NIS Shell Extension is not installed, thumbnails for ND2 files, JP2 files, and LIM files are not displayed.

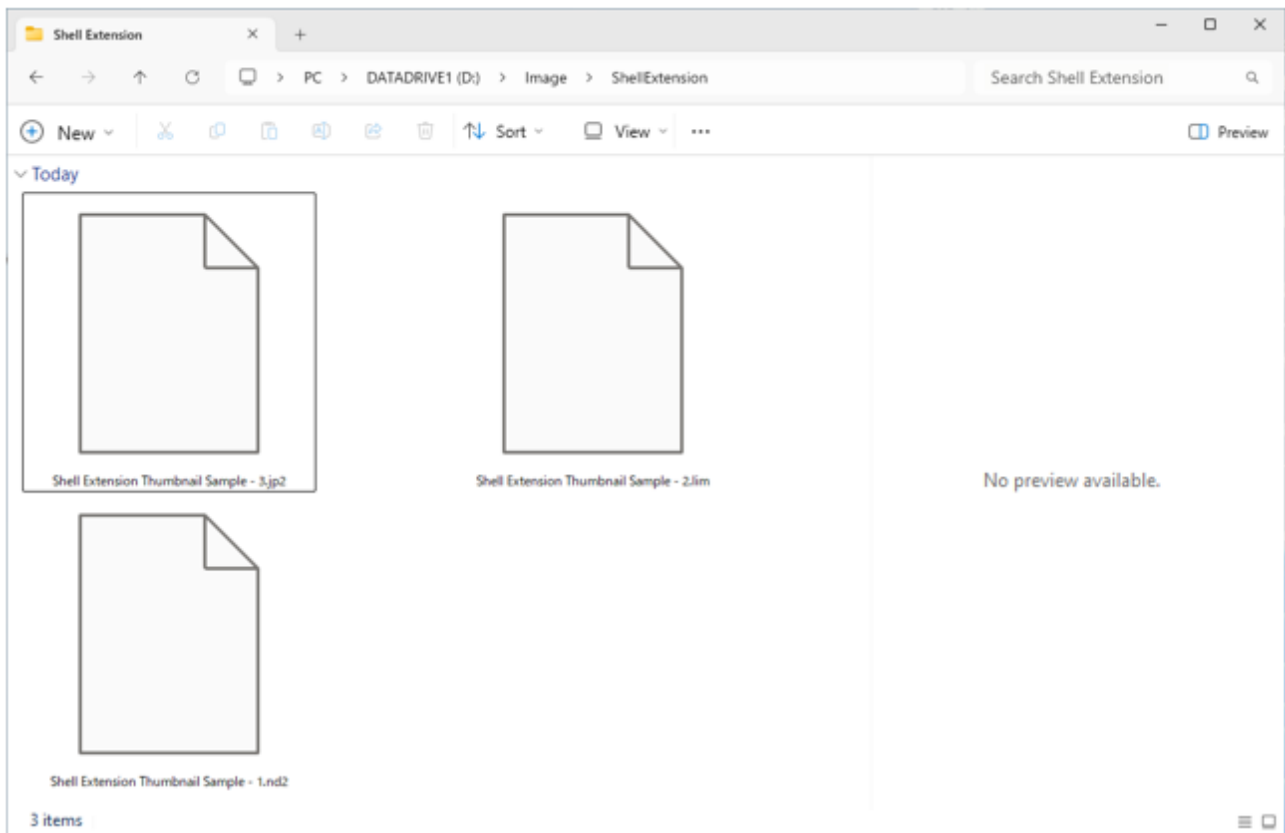


Fig. 10 Without Shell Extension