

IntuneWin Bulk Conversion

IntuneWin Bulk Conversion feature allows users to migrate their SCCM packages to intunewin format using an automated tool.

- [IntuneWin Bulk Conversion](#)

IntuneWin Bulk Conversion

IntuneWin Bulk Conversion feature allows users to migrate their **SCCM** packages to **intunewin** format using an automated tool.

Apptimized sends the **follow-up email** when the user has accessed the **IntuneWin Bulk Conversion feature**:



Welcome [REDACTED],

Thank you for your recent trial subscription to our IntuneWin Bulk conversion solution!

Your login credentials:

Login: [REDACTED]

Password: [REDACTED]

[Log in to Apptimized](#)

Your password is auto-generated. We recommend you change it after login to protect your account.

To get started, we recommend checking out our:

[IntuneBulk User Manual](#)

This will walk you through the basics of our Apptimized platform and show you how to get started with the IntuneWin Bulk conversion service.

What's next? We have created your first project, and filled it with the 10 most wanted apps by our users. You can now process with converting these applications to IntuneWin format or you can give it a try and upload your own packages for conversion.

If you have any questions or feedback, or would like to cancel your subscription, please feel free to contact the Apptimized Support team via live chat and schedule a call with one of our specialists.

Thanks,

Your Apptimized Team

PS: We hope you're enjoying your experience with us! As always, feel free to reach out to us.

We'd love to hear from you.
support@apptimized.com



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apptimized.com

Trial Project Overview

Apptimized shows the first project filled with the top 10 most wanted applications:

A user can now process **converting** these applications to **IntuneWin format** or can give it a try and upload his own packages for a conversion.

Portfolio

Export to Excel Search...

Drag a column header and drop it here to group by that column

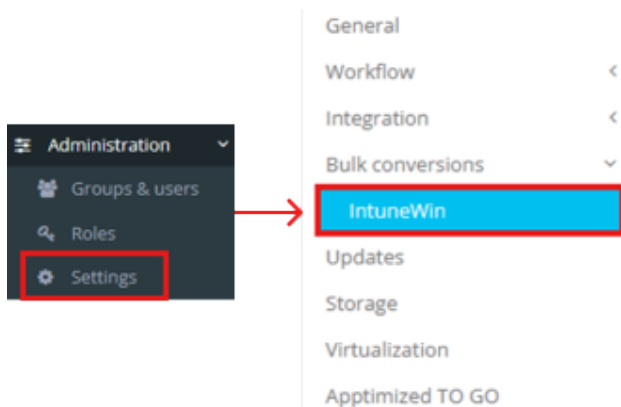
1 10 1 - 10 of 10 items

App ID	Vendor	Software	Version	Language	Assignee	Updated	Stage	Current stage ass...	Actions
10	Microsoft	VisualCPlusPlus20152022Redistributable	14.42.34433	ENG	Bohdan Babak	11/25/2024 10:27	Intune Conversion -	Bohdan Babak	⋮
9	Zoom	ZoomClientforMeetings	6.2.11	MUI	Bohdan Babak	11/25/2024 10:27	Intune Conversion -	Bohdan Babak	⋮
8	Microsoft	PowerBIDesktop	2.138.1004.0	MUI	Bohdan Babak	11/25/2024 10:27	Intune Conversion -	Bohdan Babak	⋮
7	Microsoft	VisualStudioCode	1.95.3	ENG	Bohdan Babak	11/25/2024 10:27	Intune Conversion -	Bohdan Babak	⋮
6	Adobe	AcrobatReaderDC	2024.004.20272	MUI	Bohdan Babak	11/25/2024 10:27	Intune Conversion -	Bohdan Babak	⋮
5	IgorPavlov	7Zip	24.08	MUI	Bohdan Babak	11/25/2024 10:27	Intune Conversion -	Bohdan Babak	⋮
4	Google	Chrome	131.0.6778.86	MUI	Bohdan Babak	11/25/2024 10:27	Intune Conversion -	Bohdan Babak	⋮
3	Apple	iTunes	12.13.4.4	MUI	Bohdan Babak	11/25/2024 10:27	Intune Conversion -	Bohdan Babak	⋮
2	DonHo	NotepadPlusPlus	8.7.1	ENG	Bohdan Babak	11/25/2024 10:27	Intune Conversion -	Bohdan Babak	⋮
1	Mozilla	Firefox	132.0.2	ENG	Bohdan Babak	11/25/2024 10:27	Intune Conversion -	Bohdan Babak	⋮

1 10 1 - 10 of 10 items

The project is already configured to work with the conversion with the predefined settings.

To check the conversion settings, the user should go to **Administration > Settings > Bulk Conversions > IntuneWin**



This page shows all the **configurations** applied to all **newly created conversion** in the project.

Yes
IntuneWin bulk conversion

[PackageName] placeholder value *

[Manufacturer]_[ProductName]_[ProductVersion]_[AppArchitecture]_[AppLanguage]_[PkgRelease]

Name of result archive *

[PackageName].zip

Detection method script template *

Get-ItemProperty -Path "HKLM:\Software\Wow6432Node\Apptimized\[PackageName]" -ErrorAction SilentlyContinue | Where { \$_.IsInstalled -eq 1 }

Install commands *

Deploy-Application.exe

Uninstall commands *

Deploy-Application.exe uninstall

Responsible users *

*Test Bulk (breekachu@i.ua)

Yes
Skip incoming packages testing

Path to store .intunewin file *

Package\[PackageName].intunewin

Path to store detection method file *

Package\ApplicationDetectionMethod-Registry.ps1

Path to store txt file with deployment commands *

Doc\[PackageName].txt

Path to store extracted content of .intunewin file

Key file to detect the package location *

Deploy-Application.exe

An entry point file for Intune wrapping *

Deploy-Application.exe

Testing image

Windows 10 x64 EN Conversion Testing

Save
Reset

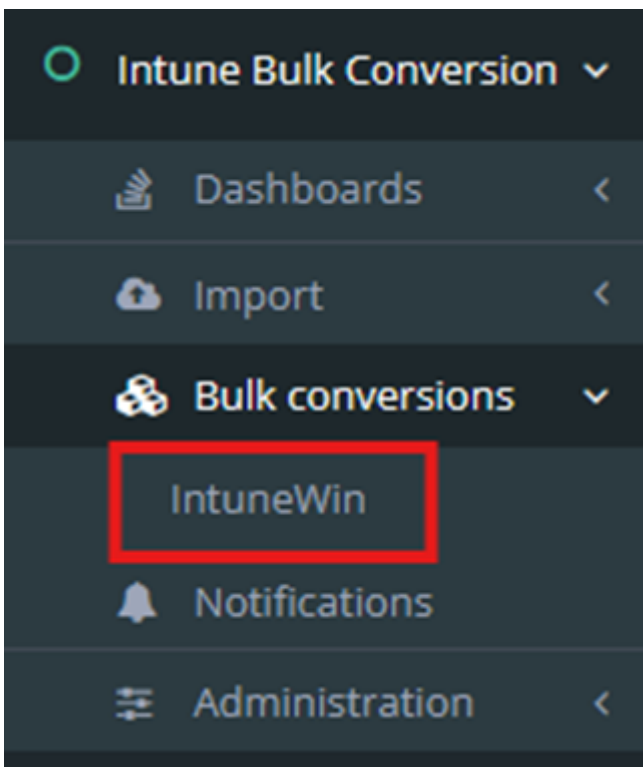
Table 1. IntuneWin Bulk Conversion Settings

Option	Details
[PackageName] placeholder value	This option shows a construction of the PackageName that will be applied to the result package
Name of result archive	This option provides a result package archive name template
Detection method script template	This option shows a PowerShell script template which will be used to check if the package is installed or uninstalled
Path to store .intunewin file	This option shows the Intunewin file location in the result package structure
Path to store detection method file	This option shows a detection method file location in the result package structure
Path to store txt file with deployment commands	This option provides information about txt file with deployment commands location in the result package structure
Path to store extracted content of .intunewin file	This option shows the Intunewin package extracted content location in the result package structure
Key file to detect the package location	This option shows the file name in the source archive that points to the level where the package is located (e.g. Deploy-Application.exe for PSADT packages)
An entry point file for Intune wrapping	This option provides a file name used for intunewin conversion as an entry point (usually, it's an installation file without arguments)

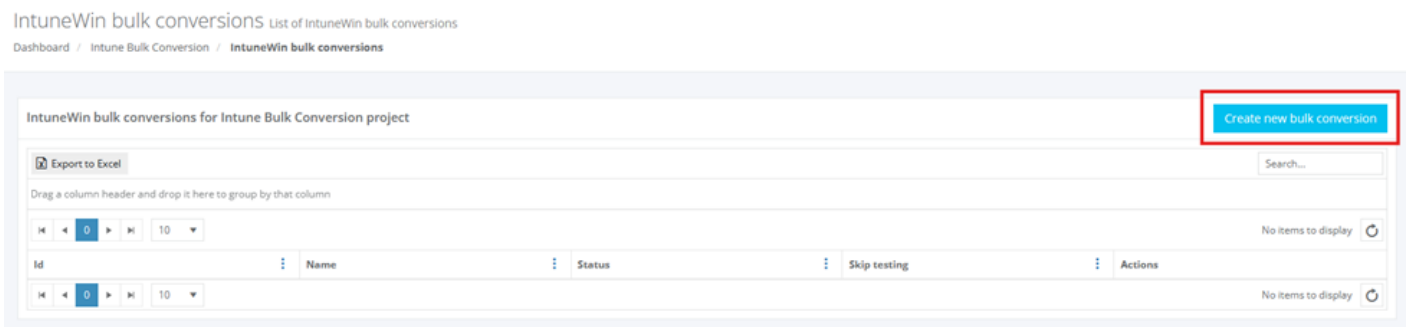
Install commands	This option provides the installation file name with arguments
Uninstall commands	This option provides the uninstallation file name with arguments
Responsible people to receive notifications	This field gives information about people who will receive an email notification if the conversion for the particular application fails
Testing image	This option allows choosing the image that will be used for testing incoming packages
Skip incoming packages testing	If this option is enabled, the applications will be converted without incoming packages testing

Bulk Conversion Creation

To create the first **Bulk Conversion** a user should go to **Bulk conversions > IntuneWin**.



The following screen will be displayed:



On this page all Bulk Conversions a user creates will be displayed.

The "**Create Bulk Conversion**" button should be pressed to proceed.

A user has to enter a **name of a conversion** in the following field:

Create IntuneWin bulk conversion for Intune Bulk Conversion project

IntuneWin bulk conversion name *

Selecting applications for converting to the **.intunewin format** is available in the next window:

Applications

Settings

Select condition for application displaying: -- x v

The maximum application count per conversion is 200. If the count is more than 200, the first 200 will be processed.

Selected applications: 0

Select first 200

☐ Mozilla Firefox 117.0 MUI (1)

☐ Microsoft VisualCPlusPlus2015-2022Redistributable 14.38.33130 MUI (4)

☐ Dropbox Dropbox 172.4.7555 MUI (7)

☐ DonHo NotepadPlusPlus 8.6.2 DEU (2)

☐ Genesys IC-User-Applications 3000.1.4 EN (5)

☐ Mozilla Firefox 125.0.23 ENG (8)

☐ Google Chrome 129.0.6668.71 MUI (3)

☐ RStudio RStudio 14.1.15 MUI (6)

☐ Iterate Cyberduck 10.1.1 MUI (9)

The **maximum application count per conversion is 200**. If the count is more than 200, the first 200 will be processed.

There is also a possibility to **overwrite bulk conversion settings** to apply changes only for the current conversion using the **"Settings tab"**.

Create IntuneWin bulk conversion for Intune Bulk Conversion project

IntuneWin bulk conversion name *

BulkConversion#1

Applications

Settings

[PackageName] placeholder value *

[Manufacturer]_[ProductName]_[ProductVersion]_[AppArchitecture]_[AppLanguage]_[PkgRelease]

Name of result archive *

[PackageName].zip

Detection method script template *

Get-ItemProperty -Path "HKLM\SoftwareWow6432Node\Apptimized\[PackageName]" -ErrorAction SilentlyContinue | Where { \$_.IsInstalled -eq 1 }

Install commands *

Deploy-Application.exe

Uninstall commands *

Deploy-Application.exe uninstall

Responsible users *

x Intune BulkTest (intunebulktest@gmail.com) x

Yes ☐ Skip incoming packages testing

Path to store .intunewin file *

Package\[PackageName].intunewin

Path to store detection method file *

Package\ApplicationDetectionMethod-Registry.ps1

Path to store txt file with deployment commands *

Doc\[PackageName].txt

Path to store extracted content of .intunewin file

Key file to detect the package location *

Deploy-Application.exe

An entry point file for Intune wrapping *

Deploy-Application.exe

Testing image

Windows 10 x64 EN Conversion Testing

Cancel

Create

Run now

When the bulk conversion configuration is finished, the user can click on **"Create" button to save the changes** and **run conversion later** or **"Run now" button to start conversion immediately**.

IntuneWin bulk conversion name *

BulkConversion#1

Applications Settings

Search

Select condition for application displaying: -- x v

★ The maximum application count per conversion is 200. If the count is more than 200, the first 200 will be processed.

Selected applications: 9

☒ Select first 200

☒ Mozilla Firefox 117.0 MUI (1)

☒ DonHo NotepadPlusPlus 8.6.2 DEU (2)

☒ Google Chrome 129.0.6668.71 MUI (3)

☒ Microsoft VisualCPlusPlus2015-2022Redistributable 14.38.33130 MUI (4)

☒ Genesys IC-User-Applications 3000.1.4 EN (5)

☒ RStudio RStudio 14.1.15 MUI (6)

☒ Dropbox Dropbox 172.4.7555 MUI (7)

☒ Mozilla Firefox 125.0.23 ENG (8)

☒ Iterate Cyberduck 10.1.1 MUI (9)

Cancel Create Run now

Bulk Conversion Processing

A newly created bulk conversion is listed on the page with the **"In progress"** status.

IntuneWin bulk conversions for Intune Bulk Conversion project [Create new bulk conversion](#)

[Export to Excel](#) Search...

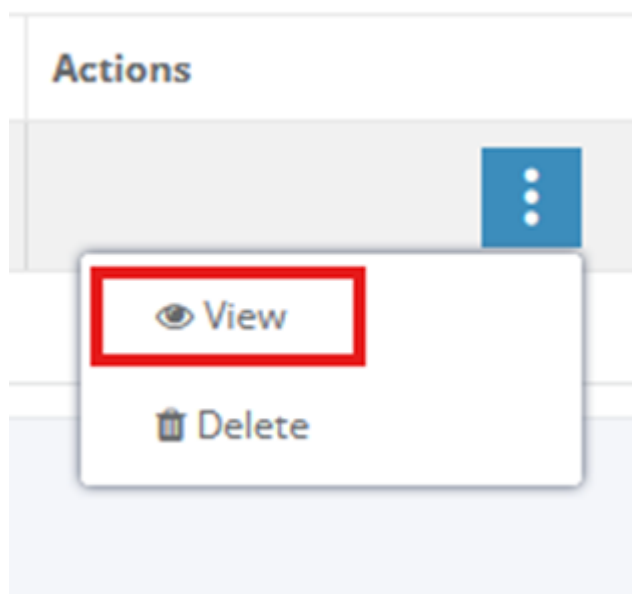
Drag a column header and drop it here to group by that column

1 10

Id	Name	Status	Skip testing	Actions
172	BulkConversion#1	In progress	Yes	

1 - 1 of 1 items

A user can click on the **"View"** action button to review the bulk conversion details.



The list contains every application that is part of the conversion. Applications are currently in the "Pending" stage, which indicates they are being queued up for processing.

IntuneWin bulk conversion 'BulkConversion#1' for 'Intune Bulk Conversion' project

Export to Excel

Search...

Drag a column header and drop it here to group by that column

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1 - 9 of 9 items

App ID	Vendor	Software	Version	Language	Started	Updated	Stage	Status	Actions
1	Mozilla	Firefox	117.0	MUI	09/25/2024 15:11	09/25/2024 15:11	Pending	Pending	⋮
2	DonHo	NotepadPlusPlus	8.6.2	DEU	09/25/2024 15:11	09/25/2024 15:11	Pending	Pending	⋮
3	Google	Chrome	129.0.6668.71	MUI	09/25/2024 15:11	09/25/2024 15:11	Pending	Pending	⋮
4	Microsoft	VisualCPlusPlus2015-2022Redistributable	14.38.33130	MUI	09/25/2024 15:11	09/25/2024 15:11	Pending	Pending	⋮
5	Genesys	IC-User-Applications	3000.1.4	EN	09/25/2024 15:11	09/25/2024 15:11	Pending	Pending	⋮
6	RStudio	RStudio	14.1.15	MUI	09/25/2024 15:11	09/25/2024 15:11	Pending	Pending	⋮
7	Dropbox	Dropbox	172.4.7555	MUI	09/25/2024 15:11	09/25/2024 15:11	Pending	Pending	⋮
8	Mozilla	Firefox	125.0.23	ENG	09/25/2024 15:11	09/25/2024 15:11	Pending	Pending	⋮
9	iterate	Cyberduck	10.1.1	MUI	09/25/2024 15:11	09/25/2024 15:11	Pending	Pending	⋮

110

1 - 9 of 9 items

When hovering over the **“Pending”** status, information about the **position in queue and estimated launch time** will be shown.

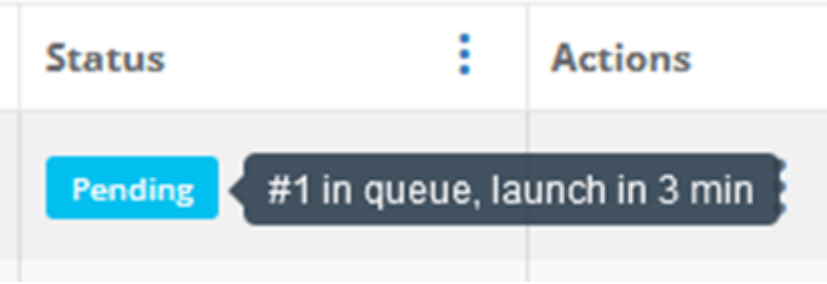


Table 2. Stages

Stage	Details
Pending	The application in the queue and is ready to be converted
Testing	The incoming app is going to be tested to make sure installation and uninstallation works properly
Wrapping	The application is being wrapped to the. intunewin format

Table 3. Statuses

Status	Details
Pending	The application in the queue and is ready to be converted
In progress	The current stage is in progress
Skipped	If the “Skip incoming packages testing” option is enabled in conversion settings, the status will be set to the “Testing stage”

Stage	Status	Actions
Wrapping	Success	⋮
Wrapping	Success	Download Delete
Wrapping	Success	

\

Importing Own Packages

In addition to working with predefined packages in the trial project, it is possible to import own packages to attempt converting them to the .intunewin format.

To learn how to import the packages into the project, please follow this [link](#).

It's important to note that the application **metadata** and the **PackageName** components used in the package **should match exactly**.

2. Metadata

Select the main installer to extract its name and version information automatically from the list of files below, or enter the data into the fields to the right manually.

VideoLAN_VLCMediaPlayer_3.0.21_x64_MUI_01.zip

- package
 - files
 - vlc-3.0.21-win64.exe
 - supportfiles
 - vlrc
 - appdeploytoolkit
 - appdeploytoolkitbanner.png
 - appdeploytoolkitconfig.xml
 - appdeploytoolkitextensions.ps1
 - appdeploytoolkithelp.ps1
 - appdeploytoolkitlogo.ico
 - appdeploytoolkitmain.cs
 - appdeploytoolkitmain.ps1
 - changelog.txt
 - setacl.exe
 - deploy-application.exe
 - deploy-application.exe.config
 - deploy-application.ps1
 - serviceui.exe
- doc
 - videolan_vlcmediaplayer_3.0.21_x64_mui_01.html
 - package documentation of videolan_vlcmediaplayer_3.0.21_x64_mui_01.txt

Previous version of application

Search by %Vendor% %AppName% %Version% %Language% (AppID %AppID%)

AppID

21

Reference

Vendor*

VideoLAN

Software*

VLCMediaPlayer

Version*

3.0.21

Original value: 1.0.0

Language*

MUI

Original value: English

In portfolio: MUI

Architecture

X64

Original value: X86

Prior to start converting the imported packages, it's important to review the conversion settings if anything should be changed. If a user struggles with understanding which settings should be changed, he should contact **Apptimized support team**.

Error Handling

In case the conversion for the particular application fails, a user will receive an email notification with detailed information about the issue:

IntuneWin migration failure of SWS_MX-Soft_MX-Panel_1.0.0.5_English(U.S.)_X64-X86

Dear Bogdan,

We want to inform you that our recent attempt to migrate 'SWS_MX-Soft_MX-Panel_1.0.0.5_English(U.S.)_X64-X86' to the IntuneWin format encountered an error. Below are the details of the issue:

Application Name: SWS_MX-Soft_MX-Panel_1.0.0.5_English(U.S.)_X64-X86

AppID: 51

Error Message: Installation failed.

You can follow this link to see the bulk conversion details:

[Go to Apptimized portal](#)

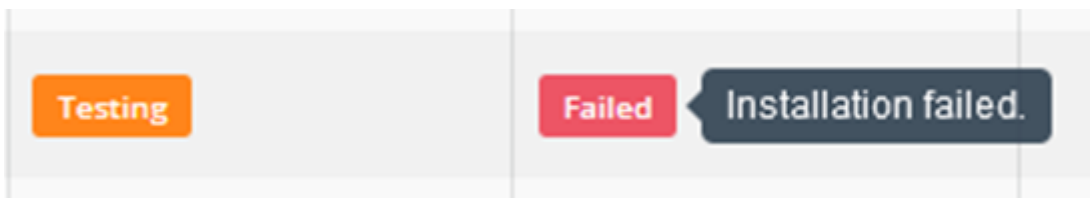
If you have any questions or require further assistance, please feel free to contact our support team at support@apptimized.com.

Thank you for understanding and cooperation,

Your Apptimized Team

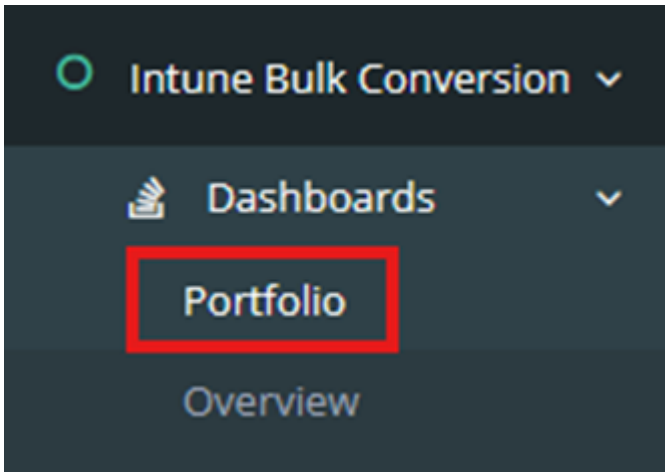
The conversion item status will be changed to '**Failed**'.

The hint with explanation of the reason for the failure will be shown:

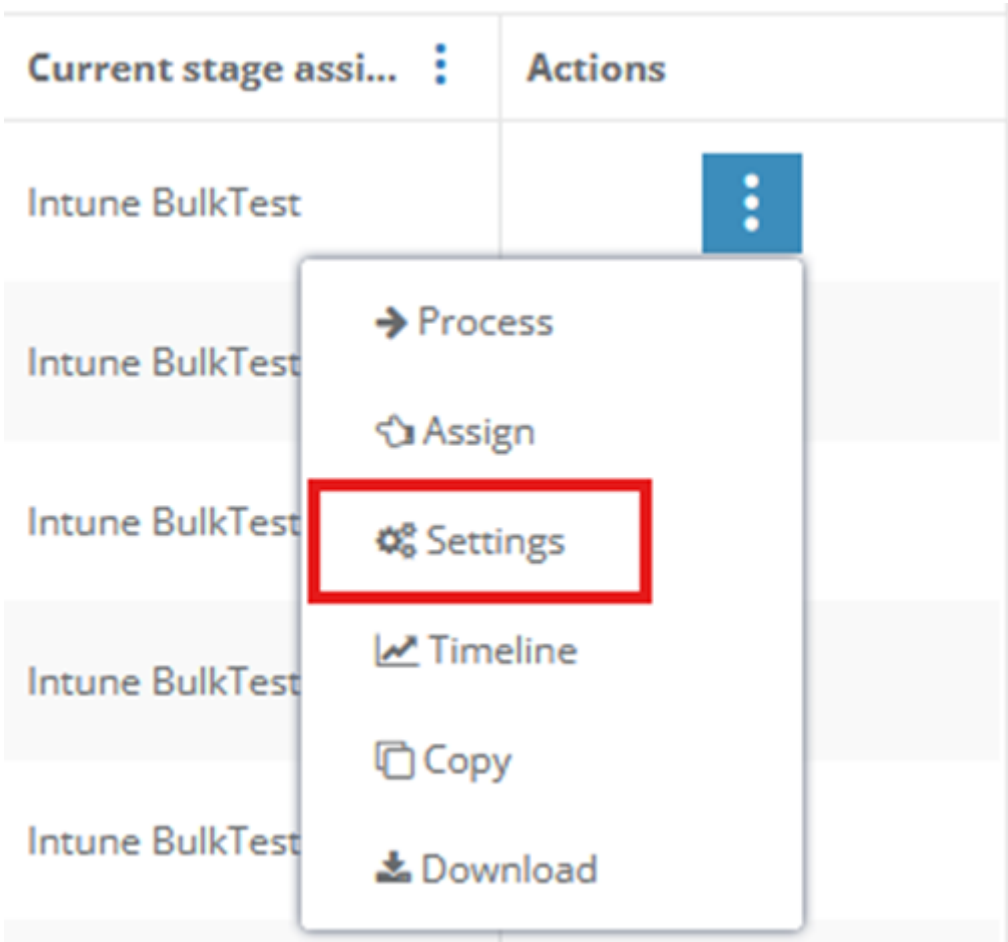


In case the installation or uninstallation of incoming package fails as shown on the screenshot above, it's required to **check the package and fix problems manually**.

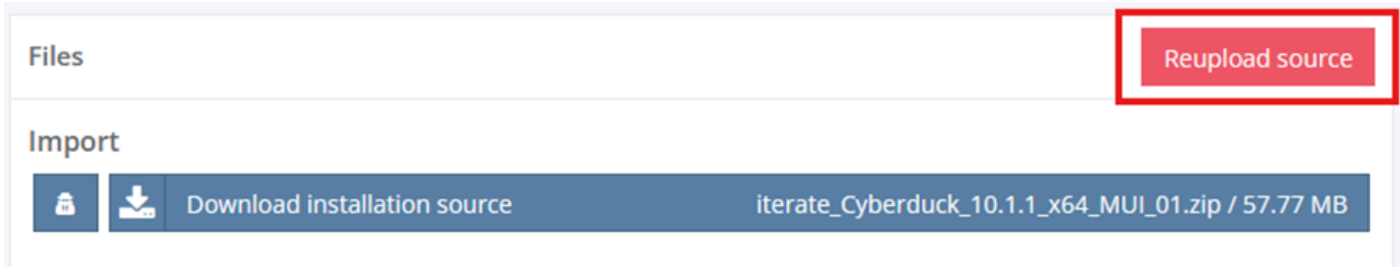
After the package is fixed, the archive should be re-uploaded to the Portfolio item. A user should go to **Dashboards > Portfolio**.



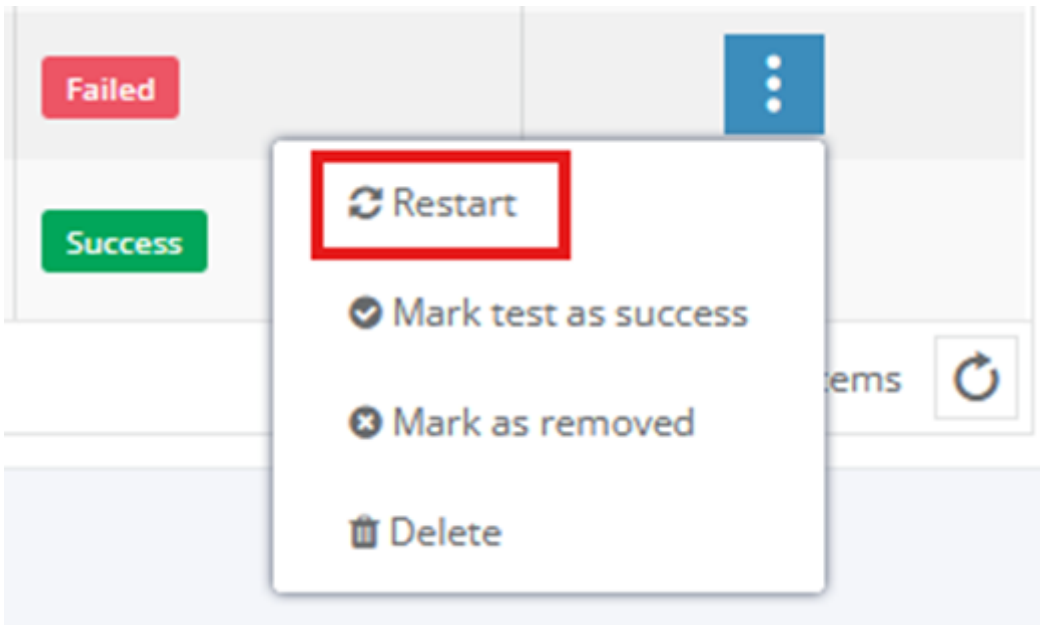
Finding a **failed application** in the Dashboard list is available by clicking on the “**Settings**” action button.



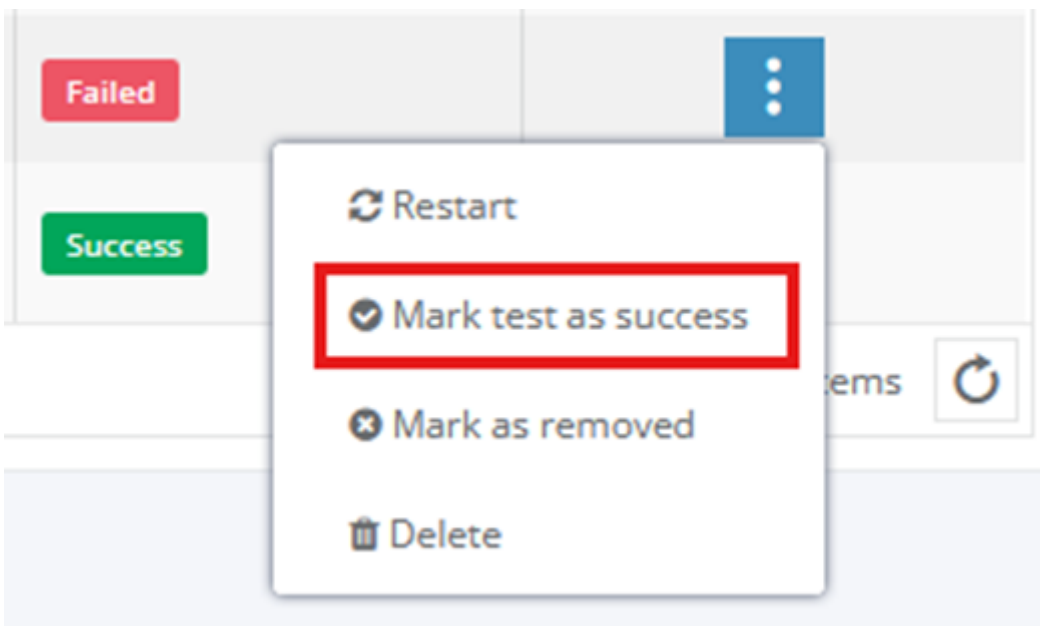
A user should click on the “**Reupload source**” button and **re-upload fixed package archive**.



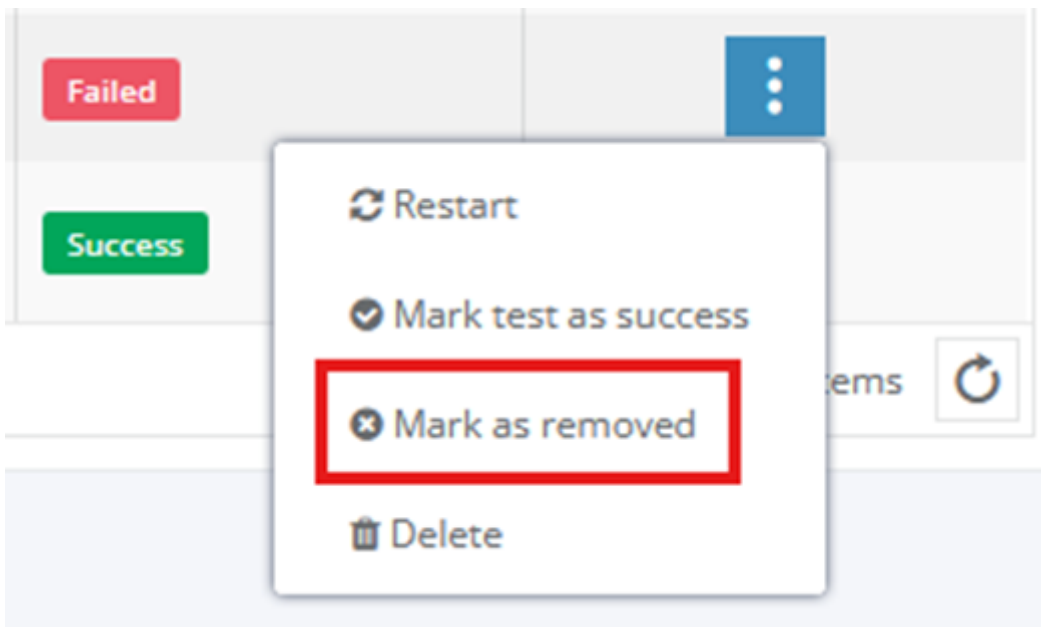
To **restart the conversion process for the following item**, a user goes back to **Bulk Conversion > “Restart”** action button.



In case it doesn't work, a user can skip testing the application by clicking on the **“Mark test as success”** action button.



Additionally, by using the **“Mark as removed”** action button, **an application can be removed from the conversion process** if it cannot be converted automatically for any reason. The application needs to be manually converted in this case.



If the **conversion for the particular application fails** for a technical reason, a user can try **to restart the conversion**. If it doesn't help, he should contact the **support team**.

