Introduction

Advanced Zip Repair(AZR) is a powerful tool to repair corrupted Zip files and Self-Extracting files(SFX). It can recover your data in Zip archives as much as possible, so to minimize the loss in file corruption.

AZR can repair both Zip files and SFX files:

- Support all version of Zip format (up to ZIP File Format Specification Version 4.0)

- Support all kinds of SFX files created by different applications.

- Support to repair large Zip files up to 4GB.

- Support to repair spanned Zip files and encrypted Zip files.

Repair files

Click "Repair" tab in the dialog, you can start repairing corrupted files:

1. Input or select corrupted Zip or SFX file to be repaired.

2. After the corrupted file has been repaired, a new fixed one is generated. You must specified the new file name in "Output fixed file as:" text box.

3. Click "Start Repair" button to start the repair process. You will see the change in progress bar. If you want to abort the repair process, click the "Stop Repair" button.

4. After the repair process, you can click the "Save Log" button to save the repair log into a file. You can include additional information in the log file by selecting the "Include System Information" option in the save file dialog. These information can help our technical supports to diagnose your system and solve your problems more efficiently.

Note:

• If you are using an unregistered copy of AZR, then it cannot repair files larger than 3MB.
However, it will check whether the items in the corrupted Zip can be recovered successfully. If the Zip file can be repaired successfully, you will see a messagebox after the reparation, where you can click the "Show Reparation Report" button and see the detailed reports containing recovery information for the items in your archive.

• If the corrupted file is neither zip file nor self-extracting file, then AZR will scan the file and try to extract zip archives from it.

• If the output fixed file name has ".zip" extension, then the output file will be a Zip file.

• If the output fixed file name has ".exe" extension, then the output file will be a self-extracting file.

Options

Click "Options" tab in the dialog, you can set options in repairing process.

• If "Use AZR's exe stub when repairing self-extracting files" option is selected, then AZR will replace the exe stub in the current self-extracting file with the one provided by AZR. The exe-stub is a small execute file that can extract files in its extra data sections. The option should be selected when the stub in the original self-extracting file is corrupted or if the fixed exe file still cannot run correctly, and when it is selected, the third option("Add necessary paddings when repairing self-extracting files") will be disabled since the AZR's exe stub does not require any paddings.

• If "Add necessary paddings when repairing self-extracting files" option is selected, then AZR will add paddings to the final self-extracting files. Some self-extracting files require extra paddings to make a correct section boundary, so if the fixed exe file cannot run correctly, you can try this option.

• If "Adjust Incorrect Data Size" option is selected, then AZR will adjust the sizes of the data that may be incorrect. In most cases, this feature can help AZR to recover more data from the corrupted file. So we **recommend** you to select it.

• If "Check Data Integrity & Fix Incorrect CRC Values" option is selected, then AZR will check each file in the archive and if its CRC value is incorrect, AZR will fixed it so that to eliminate the CRC error when extracting the file. However, because the incorrect CRC is usually caused by the corruption of the original file, you may not get a file identical to the original one after extraction.

• If "Check Cross Reference Information" option is selected, then AZR will check the reference information between the local and central headers in the archive. Thus AZR can perform a more accurate reparation and recover more data from the corrupted archive. So we **recommend** you to select this option. However, if it is selected, usually it will take more time to finish a reparation process.

• If "Recover data from the gap between two files" option is selected, then AZR will try to recover data between two sequential files and convert it into a file. So select this option may possibly recover more data. However, in some cases, AZR may mistake some useless data as a file that cannot be extracted at all.

• If "Open or Run the fixed file when finished" option is selected, then AZR will open the fixed zip files or run the fixed self-extracting files after the reparation. Note you need application associating with the 'zip' extension to open the zip files.

• If "Determine ASCII or text file by extension" option is selected, then AZR will set the internal flag of the zip archive according to the file extension in the archive.

Note:
1. AZR will remember the options the last time you set.

2. If you select "Use AZR's exe stub when repairing self-extracting files" option, the "Add necessary paddings when repairing self-extracting files" option will be disabled automatically because no paddings are required if AZR's stub is used.

3. If you unselected "Check Cross Reference Information" option, the "Recover data from the gap between two files" option will be disabled automatically because recovering data from gap requires the cross reference information.

Registration

- What is registration

  AZR is a "Shareware". This means that we have made the software available to you for free evaluation.   You are entitled to fix up to 10 files less than 3MB without obligation to pay. After this, if you decide to keep the software, you must register your copy with us for a small fee($29.95).

- Why should I register?

  After registration, you will receive a registration code which will convert your AZR from the unregistered version to registered version that has no evaluation period limitation.
  Moreover, registration entitles you free technical support and free upgrades to the software. And by registering the software, you provide us with the resources and incentive to support the software with updates and to develop additional quality shareware products in the future.

- How much is it?

  Registration fee for single license is only $29.95. And the site license for multiple users are more cheaper. See "Get Multiple-user License" in this help document for the pricing.

- How do I buy over the Internet?

  Just click the "Buy Now" logo on AZR's dialogbox or the "Registration" tab. Or access the online security order form at:

https://www.qwerks.com/order/buynow.asp?ProductID=3509

or

http://www.regsoft.net/purchase.php3?productid=48260

Sometimes you may have problems with secure order pages, please try to use unsecure page instead:

http://www.regsoft.net/purchase_nonsecure.php3?productid=48260

Or if you don't want to use credit card over Internet, please use the following order methods:

1. Fax Order - Please access the following URL:

https://www.regsoft.net/regsoft/vieworderpage.php3?productid=48260&ordertypeid=3

2. Mail Order(Eurocheques Accepted) - Please access the following URL:

https://www.regsoft.net/regsoft/vieworderpage.php3?productid=48260&ordertypeid=4

3. Order by Toll-Free Phone - available 24/7 (Orders ONLY):
   U.S. and Canada : 1-877-REGSOFT (1-877-734-7638)
   International : 1-770-319-2718

   Please have your Credit Card Ready and provide us with the following information:
   Product ID : 48260

   You can also access the following URL to place a phone order:

https://www.regsoft.net/regsoft/vieworderpage.php3?productid=48260&ordertypeid=6

4. Purchase Order - Please access the following URL:

https://www.regsoft.net/regsoft/vieworderpage.php3?productid=48260&ordertypeid=5

- What happens after I send in the order?

You will receive an email confirming your order shortly after sending the online order form. Then, within 24 hours, you will receive a second email with your registration name, code, and instructions to get started!

If you do not get your code... or if you've lost it (Hey, it happens! :) ... please email us at registration@repairfile.com. Please include your name, address, email address, and order confirmation number (if you have it). We will be happy to help you.

Drag & Drop

AZR support file drag and drop operations. You can drag the file to be repaired and drop it to the "Select Zip or Self extracting file to be repaired" edit box, the dropped file name will appear automatically in the edit box. Then you can click "Start Repair" button to repair the file.

Command Line Switches

AZR can also be invoked from command line as following:
AZR   filename   [/O]   [/E]
where
- filename is the name of the file to be repaired
- /O   Open the fixed file after the reparation.
- /E   Exit AZR after the reparation.

What's new in version 1.53

Advanced Zip Repair v1.53 has included following functions to make you repair Zip and SFX files more efficiently:

- Support to include system and environment information in the log file. With these information, our technical supports can help to solve your problems in Zip archives more efficiently.

- Support to accurately control the extraction of items encrypted with different passwords in a Zip archive.

Moreover, some parts of the help document are also modified.

Context menu extension

After you install AZR, you can fix a zip or sfx file by simply clicking your mouse in Explore because AZR has integrated its functions into it. Following are the detail operations:

1. In Explore, select the file(either .zip or .exe files) to be repaired and click right mouse.
2. An context menu will appear, in which you can find "Repair file..." and "Repair and Open file..." menu item to repair the file.
3. By click "Repair file...", you can repair the selected file. If the name of the selected file is "a.zip", then the fixed file is auto-named as "a_fixed.zip".
4. By click "Repair and Open file...", you can repair the selected file. And after the reparation, the fixed file will be opened automatically.

Contact Information

Homepage:	http://www.repairfile.com
Technical Support:	support@repairfile.com
Sales:	sales@repairfile.com
Registration Related Problems:	registration@repairfile.com

Repair a batch of files

Click "Batch Repair" tab in the dialog, you can repair a batch of corrupted zip files:

1. Click "Add Files" to add Zip or SFX files to the "List of files to be repaired" list. The initial repair status is "Not Repaired".

2. Click "Remove Files" can remove the selected files in the list.

3. Click "Remove All" can clear the list.

4. After the files to be repaired have been added into the list. Click "Start Repair" to repair all the files in the list one by one. After a file has been repaired successfully, its status will change to "Successfully". Otherwise, its status will become "Failed". You can also click "Stop Repair" button to abort the reparation process. In that case, the repair status of the file will become "Aborted".

Note:

• If the corrupted file is neither zip file nor self-extracting file, then AZR will scan the file and try to extract zip archives from it.

• If the output fixed file name has ".zip" extension, then the output file will be a Zip file.

• If the output fixed file name has ".exe" extension, then the output file will be a self-extracting file.

Q: What's Advanced Zip Repair?
A: Advanced Zip Repair(AZR) is a powerful tool to repair corrupt ZIP files and Self Extracting files(SFX). It can recover your data in ZIP archives as much as possible, so to minimize the loss in file corruption.

Q: What is the current version?
A: The current release version of AZR is 1.53.

Q: What is the new features in AZR v1.53?
A: See history.txt under the AZR installation directory for detail version history and new
   features in AZR v1.53.

Q: Where can I download the newest version of AZR?
A: You can download the newest version of AZR at **http://www.repairfile.com/azr/azr.exe**

Q: The unregistered version only supports to repair files smaller than 3MB. How can I know whether it works on my 100MB file before purchasing it?
A: Although unregistered version cannot repair files larger than 3MB. It will check whether the items in the corrupted Zip can be recovered successfully. Please just repair your file
normally in "Repair" tab. If it can be repaired successfully, you will see a messagebox after
the reparation, where you can click the "Show Reparation Report" button and see the detailed reports containing recovery information for the items in your archive.

Q: Which types of ZIP and SFX can Advanced Zip Repair repair?
A: Advanced Zip Repair(AZR) supports all version of Zip format (up to ZIP File Format
   Specification Version 4.0) and all kinds of SFX files created by different applications.

Q: The fixed Zip file still has errors when I try to extract it, why?
A: If Zip data are corrupted partially, different applications, such as AZR and WinZip may possibly use slightly different algorithms to extract the corrupted data. So if items in a Zip file are partially corrupted, it is better to unzip the fixed Zip file with AZR again. To do this, please:

1. Input your corrupted file name to 'Select Zip or Self extracting file to be repaired' edit
   box.
2. Input a filename with '.exe' extension to the 'Output fixed file' edit box.
3. Click "Start Repair", AZR will repair the corrupted Zip file and generate a new self-extracting Zip file for it.
4. Run the self-extracting Zip file and unzip the files in it.

For example, you want to repair a file named MyFiles.zip, then if you specify the "Output fixed file" with an '.exe' extension, for example, MyFiles_fixed.exe, AZR will repair the Zip file and generate a self-extracting Zip file named MyFiles_fixed.exe. This self-extracting Zip file uses the same decompression engine as AZR, so you can extract the partially corrupted items by executing it.

Q: How to repair spanned ZIP files?
A: To repair spanned zip files(assume the file name is 'myspan.zip'), please do as follows:
     1. Copy myspan.zip on the first zipdisk to your hard disk(for convenience, you'd better create a folder and copy files into it), and rename it to myspan1.zip.
     2. Copy myspan.zip on the second zipdisk to the same folder as in step 1. And rename it to myspan2.zip.
                  ...
     3. After myspan.zip on all the zipdisks have been copied into a folder on your hard disk and renamed accordingly(some disk may be missed or corrupted, you can just ignore it and continue to the next disk), concatenate all the myspanxxx.zip under the folder use copy command under MSDOS prompt, like this:

```
copy myspan1.zip /B + myspan2.zip /B + .... + myspanxxx.zip /B concat.zip /B
```
Note in the above command, the myspanxxx.zip must be arranged in their index order, that is, myspan1.zip must appear before myspan2.zip, and myspan2.zip must appear before myspan3.zip, and so on. If a disk is corrupted or missed, for example, disk 3 is missed, then you must also preserve the order of other files, like this:
```
copy myspan1.zip /B + myspan2.zip /B + myspan4.zip /B + myspan5.zip /B ... +
myspanxxx.zip /B concat.zip /B
```
4. After the execution of the command in step 3, a concatenated file named 'concat.zip' will be created. Repair this file with AZR.

Q: I failed to repair my Zip file with Advanced Zip Repair, why?
A: Contact with our technical support: **support@repairfile.com**. If possible, please also save the repair log into a file(make sure the "Include System Information" option in the save file dialog is selected) and attach it in your e-mail.

Q: How to register Advanced Zip Repair?
A: You can use AZR to repair up to 10 files less than 3MB without obligation to pay. After this, if you think it is useful, you can register it with us for a small fee($29.95). You can buy it with secure Internet payment at:

https://www.qwerks.com/order/buynow.asp?ProductID=3509

or

http://www.regsoft.net/purchase.php3?productid=48260

Sometimes you may have problems with secure order pages, please try to use unsecure page instead:

http://www.regsoft.net/purchase_nonsecure.php3?productid=48260

Or if you don't want to use credit card over Internet, please use following order methods by checking corresponding options in the above online form:

1. Fax Order

2. Mail Order(Eurocheques Accepted)

3. Order by Toll-Free Phone

4. Purchase Order

If your company or institution is interested in licensing AZR for several users, you can save a lot of money by purchasing a site license.

Q: What happens after I send in the order?
A: You will receive an email confirming your order shortly after sending the online order form. Then, within 24 hours, you will receive a second email with your registration name, code, and instructions to get started!
If you do not get your code... or if you've lost it (Hey, it happens! :) ... please email us at registration@repairfile.com. Please include your name, address, email address, and order confirmation number (if you have it). We will be happy to help you.

Advanced Options

Click "Advanced Options" tab in the dialog, you can set advanced options in repairing process.

• "Directory for temporary files"
   AZR uses this directory to create temporary files. By default, this field is set to Windows temporary directory. If it is blank all temporary files and folders will be created in the current directory.

License Information

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Free upgrade

All registered AZR user can get free upgrade by simply sending a mail to registration@repairfile.com including the following contents:

1.Company Name
2.User Name
3.Email
4.Address
5.The version of your AZR
6.Registration Code

Then you will received an address of the newest version of AZR with the new registration code.

Get Multiple-user License

If your company or institution is interested in licensing AZR for several users, you can save a lot of money by purchasing a site license.   The program is licensed to your company for use at a single site with the agreed upon number of users.

Pricing schedule for site license:

2 to 5 user licenses:	at	$25.95 each
6 to 9 user licenses:	at	$22.95 each
10 to 24 user licenses:	at	$17.95 each
25 to 49 user licenses:	at	$14.95 each
50 to 99 user licenses:	at	$10.95 each
100 to 199 user licenses:	at	$7.95 each
200 to 499 user licenses:	at	$6.95 each
500 to Unlimited user licenses:	at	$4.95 each

You can order multiple-user license by secure internet payment forms:
http://www.regsoft.net/purchase.php3?productid=48260