

ZIP Attach

Guide



Published November, 2005
© Copyright 2005 Preemptive Consulting Pty Ltd
Revision 1

This document is provided for reference purposes only. It is provided “AS IS” without warranty of any kind. The user assumes the entire risk as to the accuracy and the use of this document.

Contents

| | |
|-----------------------------------|---|
| Contents | 2 |
| Before you start..... | 3 |
| Overview..... | 3 |
| Attachments and Lotus Notes | 3 |
| What's Zip Attach? | 3 |
| Demonstration..... | 3 |
| Installing Zip Attach | 4 |
| Other Issues..... | 5 |
| Requirements | 5 |
| Temporary Directory | 5 |
| Known Limitations | 5 |
| Usage Agreement..... | 6 |
| LIMITED WARRANTY | 6 |

Before you start

Please read and make sure you agree to the 'Usage Agreement' within this document. If you don't, do not use this software.

Overview

Attachments and Lotus Notes

Attachments typically occupy 70 to 80% of an email system's storage.

IBM Lotus Notes attempts to save disk space by compressing attachments. Release 5 of Notes used a compression technique called Huffman. In Release 6, IBM upgraded the compression algorithm to LZ1. Fundamentally LZ1 was a vast improvement on Huffman, but it is still a poor performer when compared to Zip compression.

Zip offers excellent compression ratios and is one of the most widely supported techniques available.

If a user wants to attach an attachment using ZIP compression, they would typically need to manually create the Zip file on the file system and then attach it to the message. This can be cumbersome and hence rarely done.

What's Zip Attach?

Zip Attach automates the process of creating and attaching a Zip File - a user simply presses the 'Zip Attach' action button, selects a file and a compressed Zip file is automatically created and attached to their Notes document.

This simple process can have a stunning positive effect on any Domino Network. One of our customers saved well over 1TB of bandwidth last year using this technique.

Demonstration

The Notes database that accompanied this document contains a demonstration copy of the Zip Attach. Simply open the database and press the Zip Attach button to see it in action.

The demonstration version of Zip Attach will periodically ask you to purchase a licensed version of the product. You can use the demonstration version of the product without any license charge.

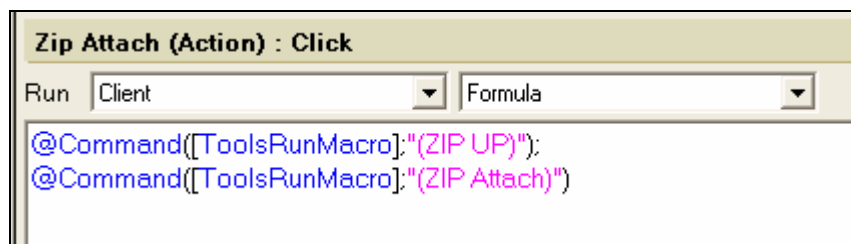
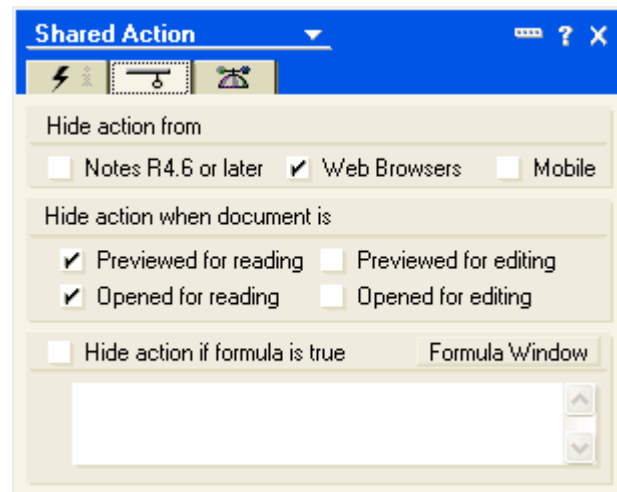
When you license Zip Attach, you can use it inside as many of your Notes applications as you like, as long as they reside under the same Organisation name within the Domino Naming convention, for example ou=Canberra, o=Preemptive would be any application within the Preemptive Organisation.

Additionally Zip Attach is licensed up to a certain 'user count' within the Organisation. If your 'user count' exceeds your license limit than you must purchase additional licenses.

Installing Zip Attach

The following procedures outline how to install Zip Attach.

- Open the Zip Attach Database with the Lotus Domino Designer
- Select Shared Code/Agents.
- Copy the two agents called (Zip Attach) and (Zip Up) to your database.
- Select Shared Code/Script Libraries
- Copy the Script Library called ZipFile2 to your database.
- Select Shared Code/Actions
- Create a New action called Zip Attach, with the following settings



You now need to add this shared action to any form that you want the Zip Attach action to appear on, for example the Mail Template memo form:

- Open the Mail Template in the Lotus Domino Designer
- Select the Memo Form
- From the menu bar, select Create, Action, Insert Shared Action and Select the Zip Attach action from the dialogue box.

Other Issues

Requirements

Preemptive Consulting has tested Zip Attach the Microsoft Windows versions of IBM Lotus Notes 6, 6.5 and 7. It will not work with versions of Notes prior to release 6.

Temporary Directory

Zip Attach uses a temporary directory to store its compressed files. This directory is C:\TEMP.

When you compress a file or group of files, a new Zip file will be written into this directory, while any previously created temporary file is deleted.

Known Limitations

Zip Attach uses Lotus supplied calls to present the file selection dialogue box. The maximum number of files you can select varies, but is approximately 10 per attachment.

Usage Agreement

This is a legal agreement between you (either an individual or an entity) and Preemptive Consulting Pty. Ltd. ("Preemptive") By using the software you are agreeing to be bound by the terms of this agreement. If you do not agree to the terms of this agreement **do not use the software**.

1. Subject to the terms and conditions of this agreement, Preemptive grants to You a non-exclusive, nontransferable right for Your own internal use to use the software in a quantity not to exceed your license limits (as indicated on your purchase invoice). Preemptive reserves all rights not expressly granted to You.

2. COPYRIGHT. This software is protected by international copyright laws and treaty provisions. Therefore, you must treat the Zip Attach (SOFTWARE) like any other copyrighted material.

3. OTHER RESTRICTIONS. You may not redistribute, copy, publish, reverse engineer, decompile, or disassemble the SOFTWARE. If the SOFTWARE is an update or has been updated, any transfer must include the most recent update and all prior versions.

LIMITED WARRANTY

1. SOFTWARE. Preemptive Consulting Pty. Ltd. warrants that if the SOFTWARE fails to substantially conform to the specifications in the documentation accompanying the SOFTWARE and if the nonconformity is reported in writing by you to Preemptive Consulting Pty. Ltd. within ninety (90) days from the date that the software is received, then Preemptive Consulting will either remedy the nonconformity or offer to refund the license fees paid by you upon return of all copies of the SOFTWARE and documentation to Preemptive.

2. DISCLAIMER. Preemptive Consulting Pty. Ltd. ("Preemptive") makes no warranty, representation or promise not expressly set forth in this limited warranty, Preemptive disclaims and excludes any and all implied warranties of title and fitness for a particular purpose. Preemptive does not warrant that the SOFTWARE or associated documentation will satisfy your requirements or that the software or documentation are without defect or error or that the operation of the software will be uninterrupted. Some countries do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights which vary from country to country.

3. LIMITATION ON LIABILITY. Preemptive's aggregate liability arising from or relating to your use of the SOFTWARE, associated documentation is limited to the total of all payments made by or for you for this copy of the SOFTWARE and documentation. Neither Preemptive Consulting Pty. Ltd. nor any of its licensors, employees or agents shall in any case be liable for any special, incidental, consequential, indirect or punitive damages even if advised of the possibility of those damages. Neither Preemptive nor any of its licensors, employees or agents is responsible for lost profits or revenue, loss of use of the SOFTWARE, loss of data, costs of recreating lost data, the costs of any substitute equipment or program. Some countries do not allow the exclusion or limitation of incidental or consequential damages, so the above may not apply to you.