

1 Problem Description

DOORS users has reported that some objects cannot be deleted because the object's in-links cannot be deleted. Investigation reveals the in-links are undeletable because the source object is a baselined object. This paper shows how to fix this problem.

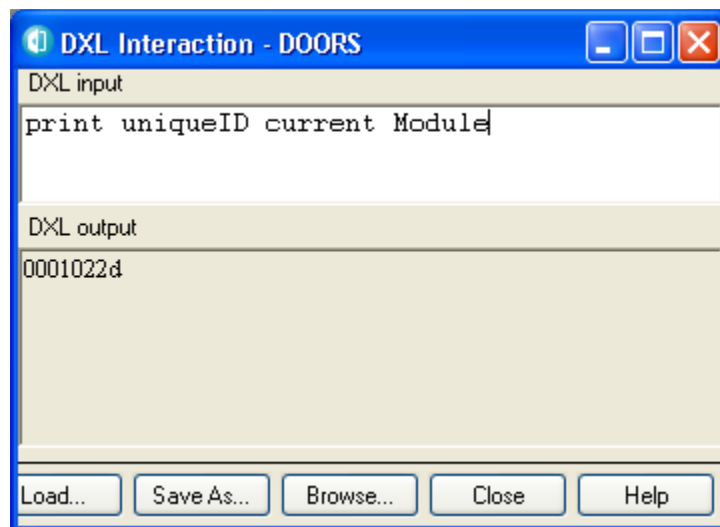
2 Solution

The solution requires the admin to modify the problem target module's internal file named "inlinks.dtc". To fix this problem, the admin needs 1) an uncompression tool named "dbunz.exe" and 2) write access to the DOORS server.

3 Step-by-Step Procedures

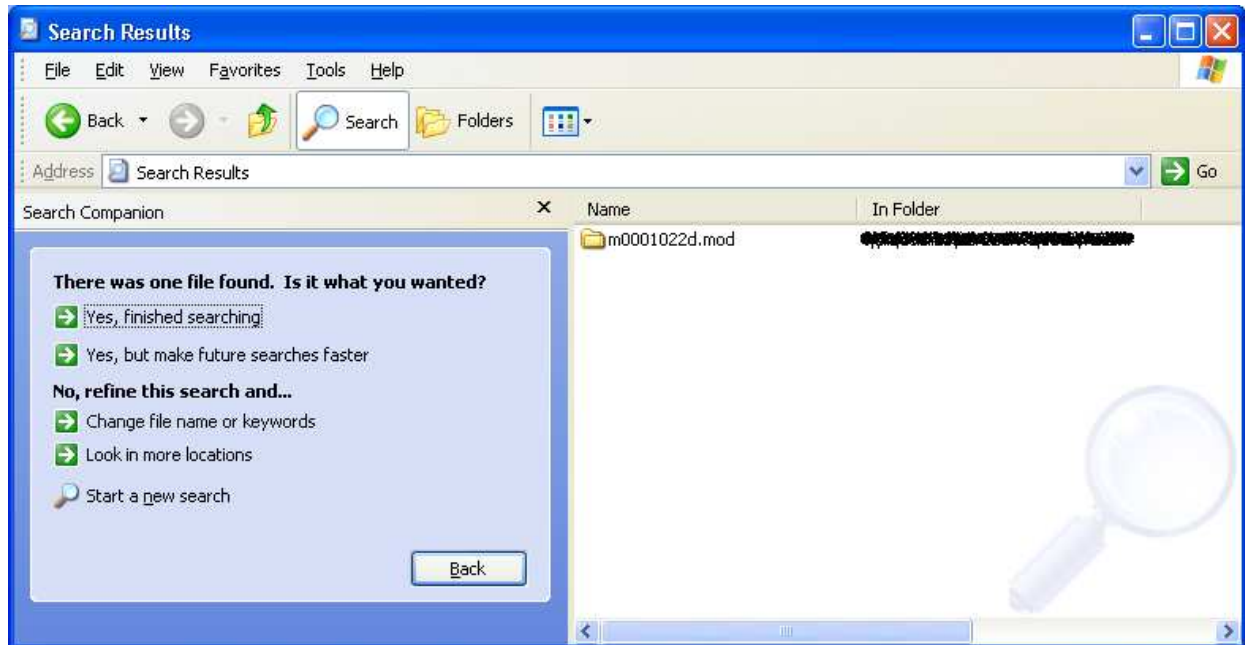
3.1 Find Module Unique ID

To determine the target module's uniqueID, run a short dxl script "print uniqueID current Module" inside the problem module. This script returns a hex number (for example 0001022d). You will be using this number to locate the module's "inlinks.dtc" file.



3.2 Located Module's ".mod" Folder in the DOORS Server

Go to the DOORS server and use the Windows search tool to find a folder containing the hex number from the previous step. If the database is large, this step will take some time.

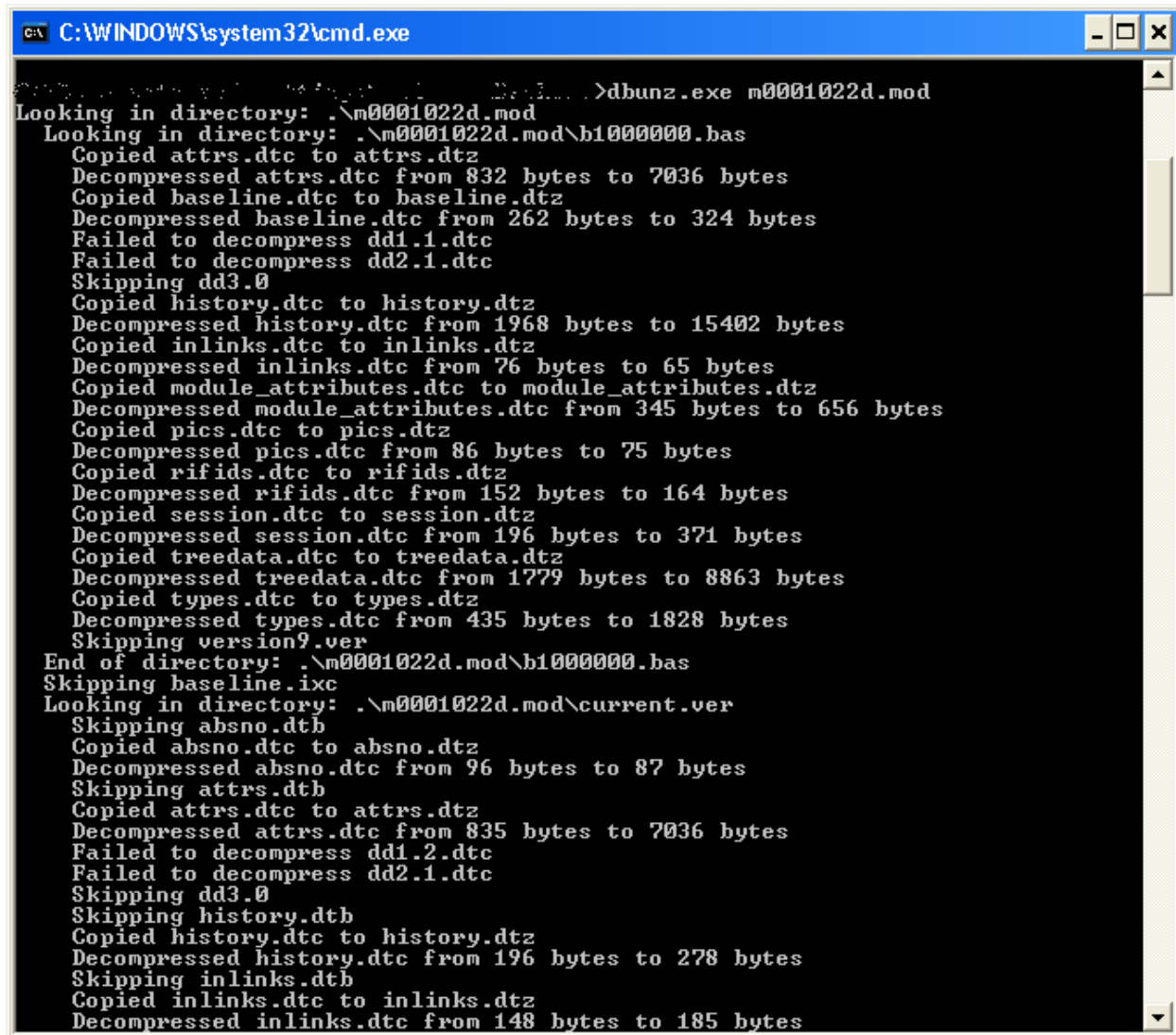


3.3 Copy Module's *.mod Folder Locally

Although you need to modify one file, it is best to copy the entire folder in case you need to go back to the original version. You want to make a copy of the *.mod folder as backup before continue to the next step.

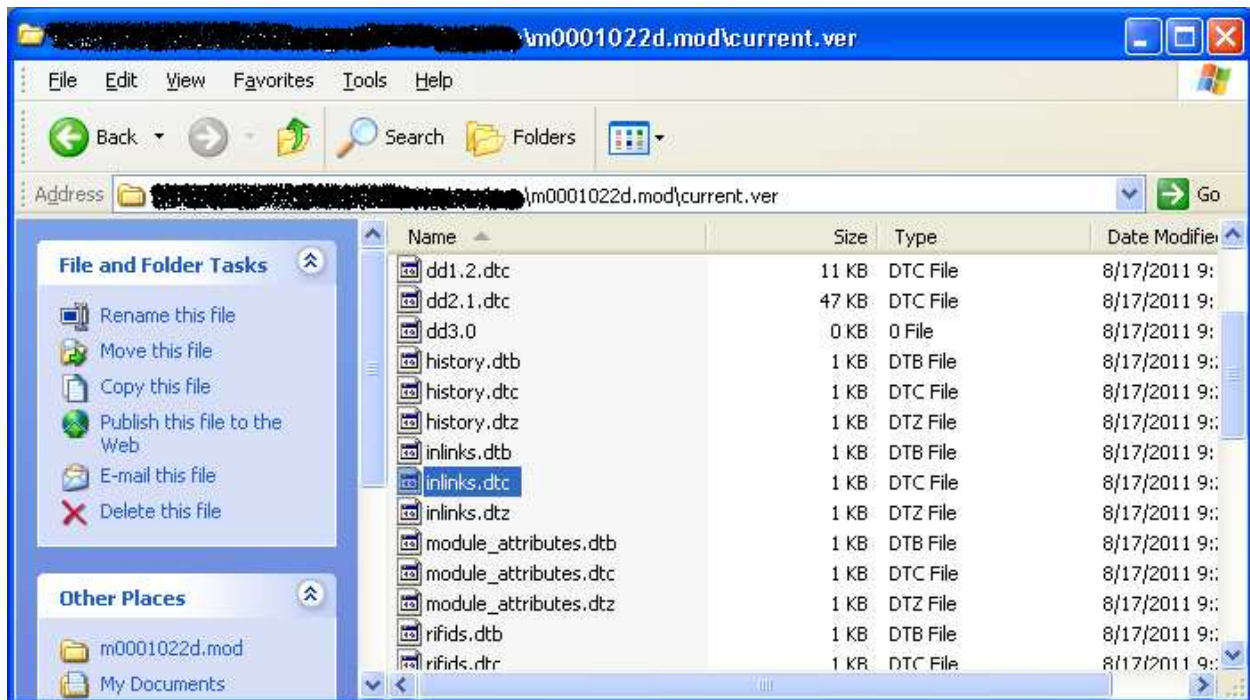
3.4 Use dbunz.exe to Uncompress *.mod Folder Locally

The dbunz.exe executable is a command-line tool so you need to run the tool in a DOS prompt.



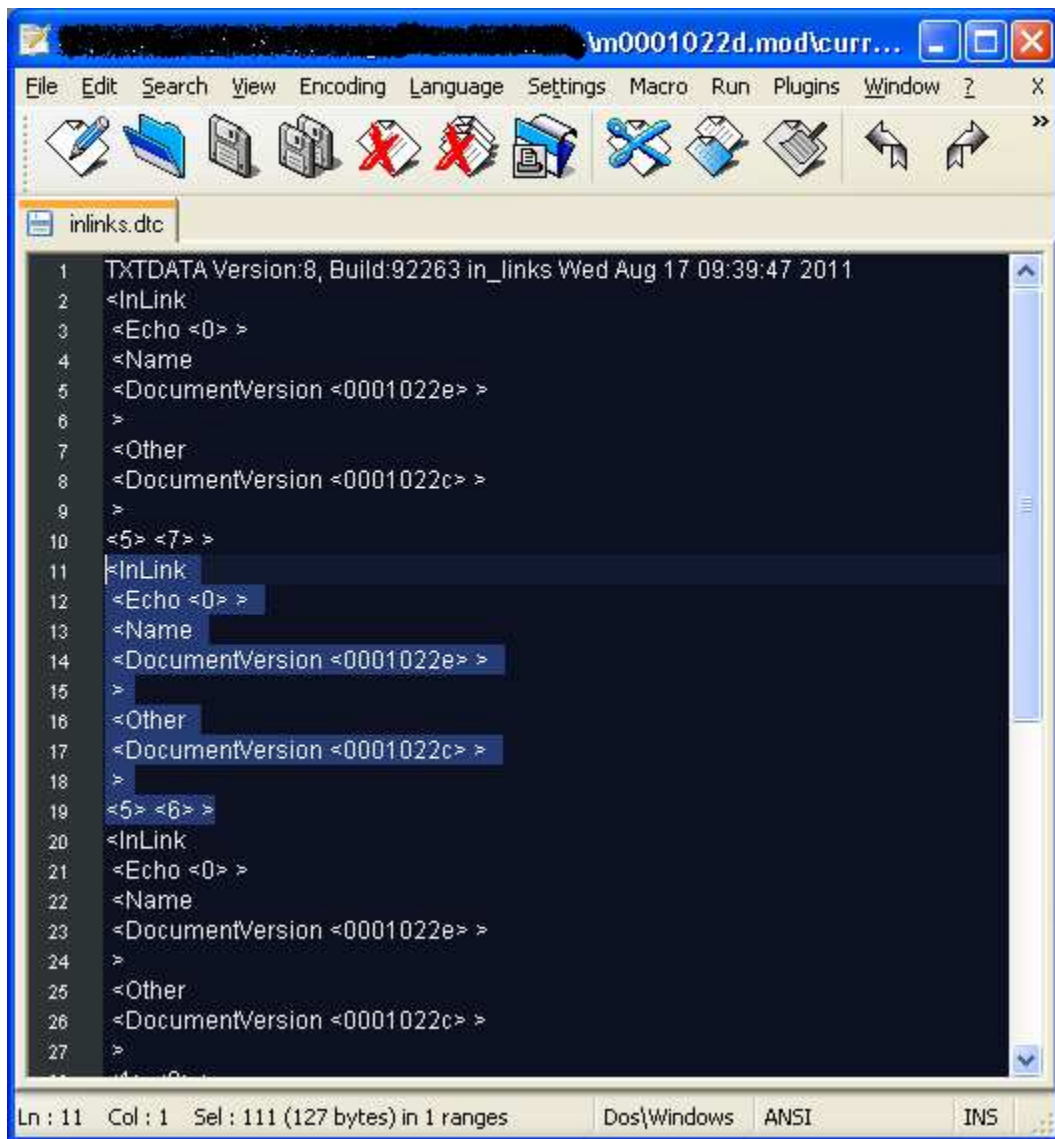
```
C:\WINDOWS\system32\cmd.exe
>dbunz.exe m0001022d.mod
Looking in directory: .\m0001022d.mod
Looking in directory: .\m0001022d.mod\b1000000.bas
  Copied attrs.dtc to attrs.dtz
  Decompressed attrs.dtc from 832 bytes to 7036 bytes
  Copied baseline.dtc to baseline.dtz
  Decompressed baseline.dtc from 262 bytes to 324 bytes
  Failed to decompress dd1.1.dtc
  Failed to decompress dd2.1.dtc
  Skipping dd3.0
  Copied history.dtc to history.dtz
  Decompressed history.dtc from 1968 bytes to 15402 bytes
  Copied inlinks.dtc to inlinks.dtz
  Decompressed inlinks.dtc from 76 bytes to 65 bytes
  Copied module_attributes.dtc to module_attributes.dtz
  Decompressed module_attributes.dtc from 345 bytes to 656 bytes
  Copied pics.dtc to pics.dtz
  Decompressed pics.dtc from 86 bytes to 75 bytes
  Copied rifids.dtc to rifids.dtz
  Decompressed rifids.dtc from 152 bytes to 164 bytes
  Copied session.dtc to session.dtz
  Decompressed session.dtc from 196 bytes to 371 bytes
  Copied treedata.dtc to treedata.dtz
  Decompressed treedata.dtc from 1779 bytes to 8863 bytes
  Copied types.dtc to types.dtz
  Decompressed types.dtc from 435 bytes to 1828 bytes
  Skipping version9.ver
End of directory: .\m0001022d.mod\b1000000.bas
Skipping baseline.ixc
Looking in directory: .\m0001022d.mod\current.ver
  Skipping absno.dtb
  Copied absno.dtc to absno.dtz
  Decompressed absno.dtc from 96 bytes to 87 bytes
  Skipping attrs.dtb
  Copied attrs.dtc to attrs.dtz
  Decompressed attrs.dtc from 835 bytes to 7036 bytes
  Failed to decompress dd1.2.dtc
  Failed to decompress dd2.1.dtc
  Skipping dd3.0
  Skipping history.dtb
  Copied history.dtc to history.dtz
  Decompressed history.dtc from 196 bytes to 278 bytes
  Skipping inlinks.dtb
  Copied inlinks.dtc to inlinks.dtz
  Decompressed inlinks.dtc from 148 bytes to 185 bytes
```

3.5 Locate Uncompressed “current.ver\inlinks.dtc” File



3.6 Edit "inlinks.dtc"

Remove the undesired entries. The entries are XML-like blocks (see below). You will need to "print uniqueID current module" to determine the source baseline module's hex number.



```
1  TXTDATA Version:8, Build:92263 in_links Wed Aug 17 09:39:47 2011
2  <InLink
3  <Echo <0> >
4  <Name
5  <DocumentVersion <0001022e> >
6  >
7  <Other
8  <DocumentVersion <0001022c> >
9  >
10 <5> <7> >
11 <InLink
12 <Echo <0> >
13 <Name
14 <DocumentVersion <0001022e> >
15 >
16 <Other
17 <DocumentVersion <0001022c> >
18 >
19 <5> <6> >
20 <InLink
21 <Echo <0> >
22 <Name
23 <DocumentVersion <0001022e> >
24 >
25 <Other
26 <DocumentVersion <0001022c> >
27 >
```

Ln : 11 Col : 1 Sel : 111 (127 bytes) in 1 ranges Dos\Windows ANSI INS

3.7 Save Changes and Replace "inlinks.dtc" in DOORS Server

You only need to replace the "inlinks.dtc" file. The DOORS server will automatically compress the file.