

# Split large files into smaller chunks

If you need to ever split files with [MBS FileMaker Plugin](#), you can do it using the [BinaryFile](#) functions like the following script shows. It opens a file for reading and copies 10 MByte chunks to new files.



```
Set Variable [ $InputPath ; Value: "/Users/cs/Desktop/tets.mp4" ]
Set Variable [ $ChunkSize ; Value: 10*1024*1024 ]
#
Set Variable [ $InputStream ; Value: MBS( "BinaryFile.Open"; $inputPath ) ]
If [ MBS("IsError") ]
    Show Custom Dialog [ "Failed to open file." ; $InputStream & ¶ & $InputPath ]
    Exit Script [ Text Result: ]
End If
Set Variable [ $InputLength ; Value: MBS( "BinaryFile.Length"; $InputStream ) ]
Set Variable [ $InputPosition ; Value: 0 ]
Set Variable [ $Counter ; Value: 1 ]
Loop
    # Read chunk
    Set Variable [ $Chunk ; Value: MBS( "BinaryFile.ReadHex"; $InputStream;
$ChunkSize ) ]
    #
    # Write Chunk
    Set Variable [ $OutputPath ; Value: $InputPath & "." & $Counter ]
    Set Variable [ $OutputStream ; Value: MBS( "BinaryFile.Create"; $OutputPath ) ]
    If [ MBS("IsError") ]
        Show Custom Dialog [ "Failed to create file." ; $InputStream & ¶ &
$OutputPath ]
    Set Variable [ $r ; Value: MBS( "BinaryFile.Close"; $InputStream ) ]
    Exit Script [ Text Result: ]
    End If
    Set Variable [ $r ; Value: MBS( "BinaryFile.WriteHex"; $OutputStream; $Chunk ) ]
    Set Variable [ $r ; Value: MBS( "BinaryFile.Close"; $OutputStream ) ]
    #
    # next
    Set Variable [ $InputPosition ; Value: $InputPosition + $ChunkSize ]
    Exit Loop If [ $InputPosition > $InputLength ]
    Set Variable [ $Counter ; Value: $Counter +1 ]
End Loop
#
# cleanup
Set Variable [ $r ; Value: MBS( "BinaryFile.Close"; $InputStream ) ]
```