
Subject: Re: SFTPBrower example build failed
Posted by [Scott_Huang](#) on Fri, 20 Dec 2024 02:07:50 GMT
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Hi Oblivion,

Yeah, it work as expected if under DEBUG build mode after update LoadDir() as below:
Able list/download/upload file without issues.

Note: As for build output mode, I select All static and Default debug info leve = None, and add below additional line:

f.hidden = false;//add this sentence, or else summary function would not count it.

```
void SFtpBrowser::LoadDir()
{
    if(browser->InProgress())
        return;
    list.Clear();
    SFtp::DirList ls;
    if(browser->ListDir(GetWorkdir(), ls)) {
        for(const SFtp::DirEntry& e : ls) {
            String s = e.GetName();
            if(s == "." || s == "..") continue;
            FileList::File f; // Can be easily costumized...
            f.name = s;
            f.time = e.GetLastModified();
            f.font = StdFont();
            f.ink = SColorText;
            f.icon = e.IsFile() ? CtrlImg::File() : CtrlImg::Dir();
            f.isdir = e.IsDirectory();
            f.length = e.GetSize();
            f.extink = SLtBlue;
            f.hidden = false;//Scott: add this sentence, or else summary function would not
count it.
            list.Add(f);
        }
        sortbyext ? SortByExt(list) : SortByName(list);
    }
    Summary();
    Sync();
}
```

But, there still have bug if under Release build mode: which is not able upload file, always error and end with 0 byte.

LOG:

SSH: SFtp, oid: 2: Directory '//msp/config/temp' is successfully opened.

```

SSH: Sftp, oid: 2: Directory listing is successful. (2 entries)
SSH: Sftp, oid: 2: File handle freed.
//Scott: I add 'RLOG(Format("dest: %s, UnixPath: %s ",dest,UnixPath(dest)));" in upload function
for debug since assume may be path error.
dest: //msp/config/temp\test.txt, UnixPath: //msp/config/temp/test.txt
SSH: Sftp, oid: 3: Session successfully initialized.
SSH: Sftp, oid: 3: File '//msp/config/temp/test.txt' is successfully opened.
SSH: Sftp, oid: 3: File attributes successfully retrieved.
SSH: Sftp, oid: 3: EOF received.
SSH: Sftp, oid: 3: Stream write error.
SSH: Sftp, oid: 3: File handle freed.
SSH: Sftp, oid: 2: Directory '//msp/config/temp' is successfully opened.
SSH: Sftp, oid: 2: Directory listing is successful. (3 entries)
SSH: Sftp, oid: 2: File handle freed.
SSH: Sftp, oid: 3: Session deinitialized.
SSH: Sftp, oid: 2: File '//msp/config/temp/test.txt' is successfully deleted.
SSH: Sftp, oid: 2: Directory '//msp/config/temp' is successfully opened.
SSH: Sftp, oid: 2: Directory listing is successful. (2 entries)
SSH: Sftp, oid: 2: File handle freed.

```

So, please help on below:

1. Why debug mode able upload file without issue while release mode encounter EOF and create 0 byte file?
2. It will be show SFTP protocol error in pop up alert if intend delete a none empty folder.
(in debug log file it show:SSH: Sftp, oid: 2: Failed. Code = -31, SFTP Protocol Error)
So, suggest show friendly alert to say the folder not empty and cannot delete, instead of execute and then failed.
3. Do you know why before old code is wrong? Please better also find out root cause of sfsi or Upp::Load function too. Thanks.

```

if(Upp::Load(list, GetWorkdir(), "*", false, Null, (FileSystemInfo&) sfsi, Null, false))
    sortbyext ? SortByExt(list) : SortByName(list);

```