
Subject: Re: SFTPBrowser example build failed
Posted by [Scott_Huang](#) on Sun, 22 Dec 2024 01:30:53 GMT
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Hi Oblivion,

I try remove SFtp::TRUNCATE as you said, it did not work, same error.

I also testing remove both SFtp::CREATE|SFtp::TRUNCATE from SFtpStream.cpp, then the behavior like below:

1. Failed if SFTP file not existing, it show error: Failed opening remote file. I think it caused by I remove SFtp::CREATE flag too.
2. I try use other SFTP software to upload same file firstly. And then U++ exe can upload file, but it would write content to existing file, double contents.

There should be have other subtle gaps if compare to OpenWrite function:
Open(path, CREATE | WRITE, IRALL | IWUSR);

I personal guess it caused by below code, so add several RLOG for debug: (test.txt file size is 47 byte)

```
if(handle) {
    RLOG("Have handle, before checking GetAttrs");
    SFtpAttrs attrs;
    if(!sftp->GetAttrs(handle, attrs)) {
        RLOG("Failed get attrs");
        sftp->Close(handle);
        handle = nullptr;
        return false;
    }
    else{
        RLOG("Succes get attrs");
        RLOG("===Show filesize");
        DUMP(attrs);
        RLOG(attrs.filesize);
        RLOG((int64)attrs.filesize);
        RLOG("----");
    }
    OpenInit(mode, attrs.filesize);
}
```

```
void BlockStream::OpenInit(dword mode, int64 _filesize) {
```

```
    streamsize = _filesize;
```

```
    RLOG(String()<<"++In OpenInit function - DEBUG: file size"<<_filesize);
    RLOG(_filesize);
```

```
RLOG(streamsize);
RLOG("-----");
```

LOG does show attributes retrievedm, so the issue should be in function OpenInit(mode, attrs.filesize); And why additional session created

```
SSH: Session, oid: 1: Starting DNS sequence locally for deftdell.com:22
```

```
SSH: Session, oid: 1: Successfully connected to deftdell.com:22
```

```
SSH: Session, oid: 1: Using Upp's memory managers.
```

```
SSH: Session, oid: 1: Session successfully initialized.
```

```
SSH: Session, oid: 1: Compression is disabled.
```

```
SSH: Session, oid: 1: Handshake successful.
```

```
SSH: Session, oid: 1: Authentication methods list successfully retrieved:
```

```
[publickey,password,keyboard-interactive]
```

```
SSH: Session, oid: 1: Client successfully authenticated.
```

```
SSH: SFtp, oid: 2: Session successfully initialized.
```

```
SSH: SFtp, oid: 2: Symbolic link operation is successful. Target: /
```

```
SSH: SFtp, oid: 2: Directory '/' is successfully opened.
```

```
SSH: SFtp, oid: 2: Directory listing is successful. (6 entries)
```

```
SSH: SFtp, oid: 2: File handle freed.
```

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

```
SSH: SFtp, oid: 2: Directory listing is successful. (3 entries)
```

```
SSH: SFtp, oid: 2: File handle freed.
```

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

```
SSH: SFtp, oid: 2: Directory listing is successful. (171 entries)
```

```
SSH: SFtp, oid: 2: File handle freed.
```

```
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.
```

```
dest: //msp/config/temp/test.txt, UnixPath: //msp/config/temp/test.txt
```

```
++In OpenInit function - DEBUG: file size47
```

```
47
```

```
47
```

```
-----
```

```
SSH: SFtp, oid: 3: Session successfully initialized.
```

```
SSH: SFtp, oid: 3: File '//msp/config/temp/test.txt' is successfully opened.
```

```
Have handle, before checking GetAttrs
```

```
SSH: SFtp, oid: 3: File attributes successfully retrieved.
```

```
Success get attrs
```

```
===Show filesize
```

```
839918903936
```

```
839918903936
```

```
----
```

```
++In OpenInit function - DEBUG: file size839918903936
```

```
839918903936
```

```
839918903936
```

```
-----
```

DEBUG: NOT READ

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.

Questions: Why addition SSH oid created? Why file size wrong?

Anyway, I am ok with my last post to use worker.OpenWrite & worker.Put, it worked.

Attach good code here for others reference.

Regards,
Scott Huang

File Attachments

1) [SFtpBrowser_20241222.zip](#), downloaded 158 times
