
Subject: Re: SFTPBrower example build failed
Posted by [Scott_Huang](#) on Fri, 20 Dec 2024 08:20:29 GMT
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Hello Oblivion,

Good to know you will enhance code again to add progressing %. Thnaks.

In the meanwhile, I also try upgrade the old code and testing by myself with below update:

```
case PUT: {
    pi.Title(t_("Uploading ") << GetFileName(src));
    FileIn fin(src);
    /*
    if(fin && !worker.SaveFile(dest, fin))
        ErrorOK(DeQtF(worker.GetErrorDesc()));
    break;
    */

    SFtpFileOut fout(worker, dest);
    int64 size = fin.GetSize(), count = 0;
    int64 chunkSize = 1024 * 64;
    Buffer<byte> chunk(chunkSize, 0);
    Gate<int64, int64>    WhenProgress;
    WhenProgress(0, size);

    while(!fin.IsEof()) {
        RLOG(Format("size %d, count %d, chunkSize %d, min %d", size, count, chunkSize,
(int)min<int64>(size - count, chunkSize) ));
        int n = fin.Get(chunk, (int) min<int64>(size - count, chunkSize));
        RLOG(Format("n %d",n));
        if(n > 0) {
            fout.Put(chunk, n);
            if(fout.IsError()) {
                RLOG("Stream write error. " + fin.GetErrorText() + " out stream: "+fout.GetErrorText());
                ErrorOK(DeQtF(worker.GetErrorDesc())+"Stream write error. " + fin.GetErrorText() + " out
stream: "+fout.GetErrorText());
                break;
            }
            count += n;
            if(WhenProgress(count, size)) {
                break;
            }
        }
        if(fin.IsError()) {
            RLOG("Stream read error. " + fin.GetErrorText());
            ErrorOK(DeQtF(worker.GetErrorDesc())+"Stream read error. " + fin.GetErrorText());
            break;
        }
    }
}
```

```
}  
}  
  
}
```

The LOG:

SSH: SFTP, oid: 2: File handle freed.

dest: /test.txt, UnixPath: //test.txt

SSH: SFTP, oid: 3: Session successfully initialized.

SSH: SFTP, oid: 3: File '/test.txt' is successfully opened.

SSH: SFTP, oid: 3: File attributes successfully retrieved.

size 47, count 0, chunkSize 65536, min 47

n 47

SSH: SFTP, oid: 3: EOF received.

Stream write error. out stream: A non-blocking socket operation could not be completed immediately.

SSH: SFTP, oid: 3: File handle freed.

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

SSH: SFTP, oid: 2: Directory listing is successful. (7 entries)

SSH: SFTP, oid: 2: File handle freed.

SSH: SFTP, oid: 3: Session deinitialized.

May be you can checking why EOF received? Is it caused by non-blocking socket & blocking socket different if compare with your SFTP and my company's SFTP server?

Thanks.

Regards,
Scott Huang
