
Subject: Re: File List with FtpClient

Posted by [mirek](#) on Mon, 15 Oct 2007 09:57:51 GMT

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WebChaot wrote on Mon, 15 October 2007 05:05Hi all!

I needed to implement a function to get a file list of a specific path to FtpClient. Therefore i copied the Load-Function - with different Parameteres it returns a List of Files:

```
String FtpClient::List(const char *path, Gate1<String> progress) {
    LLOGBLOCK("FtpClient::List");
    if(!CheckOpen())
        return String::GetVoid();
    netbuf *ftpdata;
    LLOG("FtpAccess(" << path << ")");
    if(progress(NFormat(t_("Reading file '%s'"), path))) {
        error = t_("aborted");
        return String::GetVoid();
    }
    if(!FtpAccess(path, FTPLIB_DIR, FTPLIB_ASCII, ftpconn, &ftpdata)) {
        error = FtpError(ftpconn);
        return String::GetVoid();
    }
    String result;
    int p = 0;
    for(;;) {
        if(progress(result))
            break;
        byte buffer[1024];
        int ndata = FtpRead(buffer, sizeof(buffer), ftpdata);
        LLOG("FtpRead -> " << ndata);
        if(ndata < 0) {
            error = FtpError(ftpdata);
            FtpClose(ftpdata);
            return String::GetVoid();
        }
        if(ndata == 0) {
            result.Shrink();
            break;
        }
        result.Cat(buffer, ndata);
#ifdef SLOWTRANSFER
        int end = GetTickCount() + SLOWTRANSFER;
        for(int d; (d = end - GetTickCount()) > 0; Sleep(d))
            ;
#endif
    }
}
```

```
FtpClose(ftpdata);  
return result;  
}
```

Thank you, patch applied. Welcome to U++ contributors list.

I guess, in future, we should try to make another higher-level function that would provide the structured information instead of text (basically, to parse what you get here...)

Mirek
