
Subject: File List with FtpClient

Posted by [WebChao](#) on Mon, 15 Oct 2007 09:05:22 GMT

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Hi 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;
}
```

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!

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#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
