Subject: File List with FtpClient
Posted by WebChaot 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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  }
  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