



ID	KIS001442	Creation date	June 23, 2009
Platform	S60 5th Edition	Devices	Nokia 5800 XpressMusic
Category	Symbian C++	Subcategory	Networking

Keywords (APIs, classes, methods, functions): HTTP Headers, EContentDisposition

Description

When downloading attachments, the name of the attachment can be found by reading the header `HTTP::EContentDisposition` in the HTTP response. However, in S60 5th Edition devices, the header cannot be read fully and only a partial header string is retrieved.

How to reproduce

The WebClient application available in the SDK can be used to download an attachment and the following code snippet can be used to read the `EContentDisposition` header once the HTTP response is received.

```
void CWebClientEngine::MHFRunL( RHTTPTransaction aTransaction,
                               const THTTPEvent& aEvent )
{
    switch ( aEvent.iStatus )
    {
        case THTTPEvent::EGotResponseHeaders:
        {
            RHTTPResponse resp = aTransaction.Response();<br>
            RHTTPHeaders hdr = resp.GetHeaderCollection();
            RStringPool strP = iSession.StringPool();
            RStringF contentDisp = strP.StringF(HTTP::EContentDisposition, RHTTPSession::GetTable(
            THTTPHdrVal tempHdrVal);
            TInt err = headers.GetField(contentDisp, 0, tempHdrVal);
            if (err == KErrNone)
            {
                RStringF field = tempHdrVal.StrF();
                const TDesC8& fieldValDesC = field.DesC(); //the buffer fieldValDesC<br>
                field.Close();
            }
            contentDisp.Close();
        }
    }
}
```

KIS001442_-_Content_Disposition_Header_in_an_HTTP_response_is_not_retrieved_properly

```
break;
```

Expected Result: The descriptor `fieldValDesC`, in the above code, should contain the entire header information, including the attachment name.

Actual Result: The descriptor `fieldValDesC` contains only partial information and doesn't contain the attachment name.

Solution

No Known Solution.