
Subject: [FIXED]HttpRequest hangs when Chunked response, without trailer, and KeepAlive is set. (patch & TC)

Posted by [omari](#) on Fri, 08 Apr 2016 17:44:07 GMT

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Hi,

When HttpRequest is in TRAILER phase, he call ReadingHeader().

but if there is no trailer, the socket contain only two character: \r\n. because ReadingHeader() read at least three characters, it hangs waiting a third one.

Here a Test Case:

```
HttpRequest r("http://dev.alt.cloudappsportal.com/_api/web/lists");
r.KeepAlive().Execute();
```

A solution is to check if there is a trailer, and if not, read only \r\n and finish:

in the file Core\Http.cpp

Line : 385

replace :

```
case TRAILER:
    if(ReadingHeader())
        break;
    header.ParseAdd(data);
    Finish();
    break;
case FINISHED:
```

by

```
case TRAILER:
    if(TcpSocket::Peek() == '\r') // if the next line is empty (then no trailer)
    {
        TcpSocket::Get();
        c2 = TcpSocket::Get();
        if(c2 != '\n')
            HttpError("missing ending CRLF");
        Finish();
        break;
    }

    if(ReadingHeader())
        break;
```

```
header.ParseAdd(data);  
Finish();  
break;  
case FINISHED:
```
