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Subject: Http::Finalize adds Content-Type even when it is empty

Posted by [Zbych](#) on Sun, 06 Nov 2022 10:49:08 GMT

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Hi,

Http::Finalize in Skylark shouldn't add Content-Type header when content\_type is empty.

```
void Http::Finalize()
{
    if(rsocket) {
        SKYLARKLOG("=== Response: " << code << ' ' << code_text);
        String r;

        // weird apache2 mod_scgi behaviour
        if(hdr.scgi)
            r << "Status: ";
        else
            r << "HTTP/1.1 ";

        if(redirect.GetCount()) {
            // for SCGI (at least on apache 2 mod_scgi), we need protocol inside url
            if(hdr.scgi && redirect.Find(":") < 0)
                redirect = "http:" + redirect;

            SKYLARKLOG("Redirect to: " << redirect);
            r << code << " Found\r\n";
            r << "Location: " << redirect << "\r\n";
            for(int i = 0; i < cookies.GetCount(); i++)
                r << cookies[i];
        }
        else {
            r <<
                code << ' ' << code_text << "\r\n"
                "Date: " << WwwFormat(GetUtcTime()) << "\r\n"
                "Content-Length: " << response.GetCount() << "\r\n"
                << (content_type.GetLength() ? ("Content-Type: " << content_type << "\r\n") : "");
        }
        //<----- FIX
        for(int i = 0; i < headers.GetCount(); i++)
            r << headers.GetKey(i) << ": " << headers[i] << "\r\n";
        for(int i = 0; i < cookies.GetCount(); i++)
            r << cookies[i];
    }
    r << "\r\n";
    rsocket->PutAll(r);
    rsocket->PutAll(response);
    rsocket = NULL;
}
```

```
}  
}
```

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Subject: Re: Http::Finalize adds Content-Type even when it is empty  
Posted by [Klugier](#) on Sun, 06 Nov 2022 19:13:16 GMT  
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Hello Zbych,

Please create PR for Skylar repo with proposed changed. It seems that Mirek doesn't actively develop Skylark anymore and it would be good if somebody will take it from him. So, even if the fix is correct, it might not be applied. Also, having PR in place it is unlikely that the change will not be addressed. With the forum post it might happened.

Klugier

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Subject: Re: Http::Finalize adds Content-Type even when it is empty  
Posted by [Xemuth](#) on Tue, 24 Oct 2023 14:09:32 GMT  
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Hello there,

Mirek gave me right to update Skylark. I will now update it.

Thanks for your FIX Zbych. I will take it into account.

Xemuth

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