Wt - Support #8151

XMLHttpRequest error

02/26/2021 05:36 AM - Alex Fedorov

Status:	New		**Start date:**	02/26/2021
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:				

Description

I'm trying to add my Wt-based widget to an existing HTML page. I create and start a local server with default configuration file on my laptop and call

"hello.exe --http-address=127.0.0.1 --http-port=8080 --deploy-path=/hello --docroot=."

in html I write this:
//
....

<!-- End hidden fields for Wt's internal path API -->

<!--
We need a place holder for every widget to which we want to bind
a WContainerWidget in Wt
-->

<!--
As the last step, we load our application.
-->

//

The browser can't show my embedded widget with the following error:

Access to XMLHttpRequest at 'http://localhost:8080/hello.js?wtd=i7XwnllcOtORsO7n&wtt=widgetset' from origin 'null' has been blocked by CORS policy: The value of the 'Access-Control-Allow-Origin' header in the response must not be the wildcard '*' when the request's credentials mode is 'include'. The credentials mode of requests initiated by the XMLHttpRequest is controlled by the withCredentials attribute.

How to fix it?

History

#1 - 02/26/2021 12:11 PM - Korneel Dumon

Have a look at the <allowed-origins> option in wt_config.xml. There is also some documentation there about CORS and widget-set mode.

#2 - 02/26/2021 09:24 PM - Alex Fedorov

This is my configuration file:

*

I still see this error:
"Access to XMLHttpRequest at 'http://127.0.0.1:8080/hello.js?wtd=y4PonNz6Ak4t0MdI&wtt=widgetset' from" origin 'null' has been blocked by CORS policy: The value of the 'Access-Control-Allow-Origin' header in the response must not be the wildcard '*' *when the request's credentials mode is 'include'. The credentials mode of requests initiated by the XMLHttpRequest is controlled by the withCredentials attribute."*
Option '' in config file recommended in your documentation doesn't work.*

If I remove forced origin renaming in your core everything works fine:
//if (isEqual(origin, "null"))
//origin = "*";

What's the reason of this origin renaming in your library? How to fix it without library code changing?

#3 - 02/26/2021 09:26 PM - Alex Fedorov

- File config.jpg added

#4 - 03/02/2021 09:06 AM - Korneel Dumon

Which browser are you using? When I try it, the Origin header is 'http://localhost:8080', I am wondering how you get a value of 'null'.

I think the reason we don't return null is because it is discouraged by the w3c:
https://w3c.github.io/webappsec-cors-for-developers/#avoid-returning-access-control-allow-origin-null

Files

config.jpg	31 KB	02/26/2021	Alex Fedorov