

Console and screen shots

The screenshot shows a browser window with the following details:

- Title Bar:** Maintaining Modules - JavaScript UI Framework - HTML
- Address Bar:** Not secure | proptension.local/apps/modules.php
- Content Area:**
 - Add Modules:** Form with fields for Type (dropdown), Module Type (dropdown), and Name.
 - Modules Listing:** Table with columns: mod_id, mod_type, mod_name, mod_desc, mod_prog, created_on, created_by. Rows show entries for mod_id 2 (mapper, role_mods, Map Modules tc) and mod_id 3 (master, roles, Maintain Roles).
- Developer Tools:**
 - Elements:** Shows the DOM structure.
 - Console:** Active tab, showing the following errors:


```

          ✘ GET http://proptension.local/server/fmodules.php?id=21&dhxr1603285558981=1 net::ERR_CONNECTION_RESET
          ✘ Uncaught XMLHttpRequest readyState: 4, timeout: 0, withCredentials: false, upload: XMLHttpRequestUpload, onreadystatechange: f, ...
          
```
 - Sources:** Shows the source code for dhtmlx.js:9.
 - Network:** Shows a failed request for the same URL with a status of 0.
 - Performance:** Shows metrics for the request.
 - Memory:** Shows memory usage.
 - Application:** Shows application-specific data.
 - Security:** Shows security-related information.
 - Lighthouse:** Shows Lighthouse audit results.
- Bottom Status Bar:** Type here to search, system icons, and a timestamp: 06:37 PM 10/21/2020

The screenshot shows a browser window with the following details:

- Title Bar:** Maintaining Modules - JavaScript UI Framework - HTML
- Address Bar:** Not secure | proptension.local/apps/modules.php
- Content Area:** Same as the first screenshot.
- Developer Tools:**
 - Console:** Active tab, showing a very long stack trace for the failed XMLHttpRequest, indicating calls from multiple libraries including dhtmlx.js:9, modules.php:37, jquery-3.1.1.min.js:3, and content-script-utils.js:18.
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The delay in the loading

Add Modules

Maintain Modules

Type *

Name

Description *

Module Description

Program *

Date Created

Created By

Save

Modules Listing

ID
#NUMERIC_FILTER



Form not working as desired, also the grid

Add Modules

Maintain Modules

Type *

Module Type

Name

Module name

Description *

Module Description

Program *

Enter the Program Path

Date Created

Created By

Save

Modules Listing

mod_id	mod_type	mod_name	mod_descr	mod_prog	created_on	created_by
2	mapper	role_mods	Map Modules to...	/apps/21layout.pl	2020-10-20 16:31	Manish
3	master	roles	Maintain Roles	/apps/21layout.pl	2020-10-21 03:51	Manish
6	mapping	user_roles	Map Roles to User	/apps/21layout.pl	2020-10-21 04:01	Manish
5	master	user_cats	Maintain User Categories	/apps/21layout.pl	2020-10-21 03:51	Manish
7	master	users	Maintain Users	/apps/21layout.pl	2020-10-21 04:01	Manish
8	master	work_types	Maintain Work Types	/apps/21layout.pl	2020-10-21 04:01	Manish
9	master	works	Maintain Works	/apps/21layout.pl	2020-10-21 04:01	Manish
1	master	modules	Maintain Modules	/apps/21layout.pl	2020-10-20 00:01	MK



The data Processors do not work as intended. There is no insert from the form and no update from the grid.

My Main DHX Code

```
<?php
ini_set('allow_url_include',true);
if (session_status() == PHP_SESSION_NONE) {
    session_start();
}
?>
<!DOCTYPE html>
<html>
<head>
    <title>Maintain Modules</title>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8"/>
    <meta http-equiv="X-UA-Compatible" content="IE=edge"/>
    <link rel="stylesheet" type="text/css" href="../codebase/fonts/font_roboto/roboto.css"/>
    <link rel="stylesheet" type="text/css" href="../skins/web/dhtmlx.css"/>
    <script src="../codebase/dhtmlx.js"></script>
<style>
    div#layoutObj {
        position: relative;
        margin-top: 10px;
        margin-left: 10px;
        width: 1200px;
        height: 575px;
    }
</style>
<script>
    //Initializing the Layout, Tree, Form and the Grid in this script block
    function doOnLoad() {
        var myLayout = new dhtmlXLayoutObject({
            parent: "layoutObj",      // id or object for parent container
            pattern: "2U",           // layout
            skin: "dhx_web"         // optional, layout
        });
        //Setting dynamically the layout cells
        myLayout.cells("a").setText('Add Modules');
        myLayout.cells("b").setText('Modules Listing');

        myLayout.cells("a").setWidth(250);
        //myLayout.cells("a").setHeight(300);

        //Attaching the required form to the second cell of the layout
        var myfrm = myLayout.cells("a").attachForm();
```

```

myfrm.loadStruct("./formsxml/modules.xml");
myfrm.load('../server/fmodules.php?id=?1');

var dp = new dataProcessor('../server/fmodules.php');
dp.init(myfrm);
//Attaching a button click event for saving to database
myfrm.attachEvent("onButtonClick", function(id){
    if(id=="save"){
        myfrm.save();
        mygrid.clearAndLoad("../server/gmodules.php");
        myfrm.clear();
    }
});

//Attaching the required grid to the third cell of the layout
var mygrid = myLayout.cells("b").attachGrid();
mygrid.setColumnIds("mod_id, mod_type, mod_name, mod_descr, mod_prog,
created_on, created_by");
mygrid.setImagesPath("../skins/web/imgs");
mygrid.setHeader("ID", "Type", "Name", "Description", "Program", "Cre
ation Date", "Created By");
//mygrid.setInitWidths("75,75,400,450,175,100,150");
mygrid.setColAlign("right,left,left,leftright,left,left");
mygrid.setColTypes("ro,ed,ed,ed,ed,ro,ro");
mygrid.setColSorting("int,str,str,str,str,str,str");
mygrid.attachHeader("#NUMERIC_FILTER,#TEXT_FILTER,#TEXT_FILTER,#TEXT_
FILTER,#TEXT_FILTER,#TEXT_FILTER,#TEXT_FILTER");
mygrid.enableAutoWidth(true);
mygrid.init();
mygrid.load('../server/gmodules.php');
//Creating the data processor for the grid
var mydp = new dataProcessor('../server/gmodules.php');
mydp.init(mygrid);
//mygrid.bind(myfrm);
}

</script>
</head>
<body onload="doOnLoad()">
    <div id="layoutObj"></div>
</body>
</html>

```

Form's server-side code

```
<?php
include "conn.php";
require_once("../connector/codebase/form_connector.php");
require_once("../connector/codebase/db_postgre.php");

$frm = new FormConnector($conn, "Postgre");
$frm-
>render_table("modules", "mod_id", "mod_id,mod_type,mod_name,mod_descr,mod_prog,c
reated_on,created_by");
?>
```

Grid's server-side code

```
<?php
include "conn.php";
require_once("../connector/codebase/grid_connector.php");
require_once("../connector/codebase/db_postgre.php");

$grid = new GridConnector($conn, "Postgre");
$grid->set_config(new GridConfiguration(true));
$grid-
>render_table("modules", "mod_id", "mod_id,mod_type,mod_name,mod_descr,mod_prog,c
reated_on,created_by");
?>
```

The Postgresql connection file

```
<?php
$conn = pg_connect("host=localhost port=5432 dbname=proptension user=postgres pas
sword=postgres");
//var_dump($conn);
//if($conn){echo('Connect to the database successful');} //Successfully tested an
d found good.
?>
```

The database table code

```
CREATE TABLE public.modules
(
    mod_id integer NOT NULL DEFAULT nextval('modules_mod_id_seq'::regclass),
    mod_type character(10) NOT NULL,
    mod_name character varying NOT NULL,
    mod_descr character varying NOT NULL,
    mod_prog character varying NOT NULL,
    created_on timestamp without time zone NOT NULL DEFAULT now(),
    created_by character varying NOT NULL,
    CONSTRAINT pk_mods PRIMARY KEY (mod_id)
)
WITH (
    OIDS=FALSE
);
```