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/ Promise / async, await (ECMAScript (ECMA-262)
 API async function , await API
 API IE .
 on_popupload API . (.)
 API 가 .
 API loadpopup, loadpopupsync, loadportletpopup, loadportletpopupsync가 .
 on_popupload, on_popupdestroy가 .

: /HTML5/SCREEN/SYNC/sync_loadpopup

- [sync_loadpopup.xml](#)
- [sync_loadpopup.js](#)
- 

```

var SCREEN_BASE_DIR = "/HTML5/SCREEN/SYNC/";

//
function screen_on_load()
{
    factory.showconsoletrace(true);
}

/**
 * factory.loadpopup API 가
 *
 * @param popup_screen
 * @param popup_name factory.loadpopup API
    
```

```

*/
function screen_on_popupload(popup_screen, popup_name)
{
    var log_prefix;

    log_prefix = "mainscreen:screen_on_popupload> ";

    factory.consoleprint(log_prefix + "start");

    factory.consoleprint(log_prefix + "popup_name = " + popup_name);
    if (factory.isobject(popup_screen)) {
        factory.consoleprint(log_prefix + "screen = " +
popup_screen.getscreenurl());
    }

    factory.consoleprint(log_prefix + "end");
}

/**
 *          unloadpopup API
 *
 * @param popup_screen
 * @param popup_name factory.loadpopup API
 * @param result          unloadpopup API
 */
function screen_on_popupdestroy(popup_screen, popup_name, result)
{
    var log_prefix;

    log_prefix = "mainscreen:screen_on_popupdestroy> ";

    factory.consoleprint(log_prefix + "start");
    factory.consoleprint(log_prefix + "popup_name = " + popup_name);
    factory.consoleprint(log_prefix + "result = " + result);
    factory.consoleprint(log_prefix + "end");
}

// "loadpopup"
function btn_loadpopup_on_mouseup(objInst)
{
    var log_prefix, ret, is_modal;

    log_prefix = "mainscreen:loadpopup> ";

    is_modal = this.chk_modalpopup.getcheck();

    //          /
    factory.consoleprint(log_prefix + "before loadpopup");
    ret = factory.loadpopupez("POPUP_SCREEN_ASYNC",
        SCREEN_BASE_DIR + "business_screen", "POPUP_SCREEN_ASYNC",
        false, XFD_BORDER_RESIZE, 0, 0, 200, 500, true, true, is_modal,

```

```
        screen, "POPUPSCREEN_EXTRADATA");
    factory.consoleprint(log_prefix + "after loadpopup");
    factory.consoleprint(log_prefix + "ret = " + ret);
}

// "loadpopupsync"
async function btn_loadpopupsync_on_mouseup(objInst)
{
    var log_prefix, popup_screen, ret, is_modal;

    log_prefix = "mainscreen:loadpopupsync_modal> ";

    is_modal = this.chk_modalpopup.getcheck();

    //          /
    factory.consoleprint(log_prefix + "before loadpopupsync");
    ret = await factory.loadpopupsync("POPUP_SCREEN_SYNC",
        SCREEN_BASE_DIR + "business_screen", "POPUP_SCREEN_SYNC",
        false, XFD_BORDER_RESIZE, 0, 0, 200, 500, true, true, is_modal,
        screen, "POPUPSCREEN_EXTRADATA");
    factory.consoleprint(log_prefix + "after loadpopupsync");
    factory.consoleprint(log_prefix + "return = " + ret);

    //                                URL
    popup_screen = factory.findpopup("POPUP_SCREEN_SYNC");
    if (factory.isobject(popup_screen)) {
        factory.consoleprint(log_prefix + "screen = " +
popup_screen.getscreenurl());
    }
}

// "loadportletpopup"
function btn_loadportletpopup_on_mouseup(objInst)
{
    var log_prefix, ret;

    log_prefix = "mainscreen:loadportletpopup> ";

    //
    factory.consoleprint(log_prefix + "before loadportletpopup");
    ret = screen.loadportletpopup("POPUP_PORTLET_ASYNC",
        SCREEN_BASE_DIR + "business_screen", "POPUP_PORTLET_ASYNC",
        false, XFD_BORDER_RESIZE, 0, 0, 200, 500, true, true, false,
        "POPUPSCREEN_EXTRADATA");
    factory.consoleprint(log_prefix + "after loadportletpopup");
    factory.consoleprint(log_prefix + "ret = " + ret);
}

// "loadportletpopupsync"
async function btn_loadportletpopupsync_on_mouseup(objInst)
{
```

```

var log_prefix, popup_screen, ret;

log_prefix = "mainscreen:loadportletpopupsync> ";

//
factory.consoleprint(log_prefix + "before loadportletpopupsync");
ret = await screen.loadportletpopupsync("POPUP_PORTLET_SYNC",
    SCREEN_BASE_DIR + "business_screen", "POPUP PORTLET SYNC",
    false, XFD_BORDER_RESIZE, 0, 0, 200, 500, true, true, false,
    "POPUPSCREEN_EXTRADATA");
factory.consoleprint(log_prefix + "after loadportletpopupsync");
factory.consoleprint(log_prefix + "return = " + ret);

//
// URL
popup_screen = screen.findportletpopup("POPUP_PORTLET_SYNC");
if (factory.isobject(popup_screen)) {
    factory.consoleprint(log_prefix + "screen = " +
popup_screen.getscreenurl());
}
}

// "loadpopup (screen frame)"
function btn_loadpopup_screenframe_on_mouseup(objInst)
{
    var log_prefix, ret;

    log_prefix = "mainscreen:loadpopup_screenframe> ";

    factory.consoleprint(log_prefix + "before LoadPopupFrameScreenAsync");
    ret =
this.LoadPopupFrameScreenAsync(this.chk_modalscreenframe.getcheck(),
    SCREEN_BASE_DIR + "popup_frame_screen", "frame_screen_extra_data",
    SCREEN_BASE_DIR + "business_screen", "business_screen_extra_data");
    factory.consoleprint(log_prefix + "after LoadPopupFrameScreenAsync");
    factory.consoleprint(log_prefix + "ret = " + ret);
}

// "loadpopupsync (screen frame)"
async function btn_loadpopupsync_screenframe_on_mouseup(objInst)
{
    var log_prefix, ret;

    log_prefix = "mainscreen:loadpopupsync_screenframe> ";

    factory.consoleprint(log_prefix + "before LoadPopupFrameScreenSync");
    ret = await
this.LoadPopupFrameScreenSync(this.chk_modalscreenframe.getcheck(),
    SCREEN_BASE_DIR + "popup_frame_screen", "frame_screen_extra_data",
    SCREEN_BASE_DIR + "business_screen", "business_screen_extra_data");
    factory.consoleprint(log_prefix + "after LoadPopupFrameScreenSync");
    factory.consoleprint(log_prefix + "ret = " + ret);
}

```

```
}

// "loadportletpopup (portlet frame modal)"
function btn_loadportletpopup_portletframe_modal_on_mouseup(objInst)
{
    var log_prefix, ret;

    log_prefix = "mainscreen:loadportletpopup_portletframe> ";

    factory.consoleprint(log_prefix + "before LoadPopupFramePortletAsync");
    ret = this.LoadPopupFramePortletAsync(
        SCREEN_BASE_DIR + "popup_frame_screen", "frame_screen_extra_data",
        SCREEN_BASE_DIR + "business_screen", "business_screen_extra_data");
    factory.consoleprint(log_prefix + "after LoadPopupFramePortletAsync");
    factory.consoleprint(log_prefix + "ret = " + ret);

    return ret;
}

// "loadportletpopupsync (portlet frame modal)"
async function
btn_loadportletpopupsync_portletframe_modal_on_mouseup(objInst)
{
    var log_prefix, ret;

    log_prefix = "mainscreen:loadportletpopupsync_portletframe> ";

    factory.consoleprint(log_prefix + "before LoadPopupFramePortletSync");
    ret = await this.LoadPopupFramePortletSync(
        SCREEN_BASE_DIR + "popup_frame_screen", "frame_screen_extra_data",
        SCREEN_BASE_DIR + "business_screen", "business_screen_extra_data");
    factory.consoleprint(log_prefix + "after LoadPopupFramePortletSync");
    factory.consoleprint(log_prefix + "ret = " + ret);

    return ret;
}

// "loadpopup (container frame)"
function btn_loadpopup_containerframe_on_mouseup(objInst)
{
    var log_prefix, ret;

    log_prefix = "mainscreen:loadpopup_containerframe> ";

    factory.consoleprint(log_prefix + "before
LoadPopupFrameContainerAsync");
    ret =
this.LoadPopupFrameContainerAsync(this.chk_modalcontainerframe.getcheck(),
        SCREEN_BASE_DIR + "popup_frame_container",
"container_screen_extra_data",
        SCREEN_BASE_DIR + "business_screen", "business_screen_extra_data");
```

```

    factory.consoleprint(log_prefix + "after LoadPopupFrameContainerAsync");
    factory.consoleprint(log_prefix + "ret = " + ret);
}

// "loadpopupsync (container frame)"
async function btn_loadpopupsync_containerframe_on_mouseup(objInst)
{
    var log_prefix, ret;

    log_prefix = "mainscreen:loadpopupsync_containerframe> ";

    factory.consoleprint(log_prefix + "before LoadPopupFrameContainerSync");
    ret = await
this.LoadPopupFrameContainerSync(this.chk_modalcontainerframe.getcheck(),
    SCREEN_BASE_DIR + "popup_frame_container",
"container_screen_extra_data",
    SCREEN_BASE_DIR + "business_screen", "business_screen_extra_data");
    factory.consoleprint(log_prefix + "after LoadPopupFrameContainerSync");
    factory.consoleprint(log_prefix + "ret = " + ret);
}

////////////////////////////////////
/
//
//
////////////////////////////////////
/

/**
 *
 *
 * @param is_modal
 * @param frame_screen_url          URL
 * @param frame_screen_extra_data   Extra Data
 * @param business_screen_url       URL
 * @param business_screen_extra_data Extra Data
 *
 * @returns
 */
function LoadPopupFrameScreenAsync(is_modal,
                                   frame_screen_url,
frame_screen_extra_data,
                                   business_screen_url,
business_screen_extra_data)
{
    var log_prefix, obj_extra_data, frame_screen, ret;

    log_prefix = "mainscreen:LoadPopupFrameScreenAsync> ";

    obj_extra_data = {
        is_async_load: true,

```



```

        frame_screen_extra_data: frame_screen_extra_data,
        business_screen_url: business_screen_url,
        business_screen_extra_data: business_screen_extra_data
    };

//          SYNC
factory.consoleprint(log_prefix + "before loadpopup");
ret = factory.loadpopupex("POPUP_FRAME_SCREEN_ASYNC",
    frame_screen_url, "POPUP FRAME SCREEN ASYNC",
    false, XFD_BORDER_RESIZE, 0, 0, 200, 500, true, true, is_modal,
    screen, obj_extra_data);
factory.consoleprint(log_prefix + "after loadpopup");
factory.consoleprint(log_prefix + "return = " + ret);

return ret;
}

/**
 *          /
 *
 * @param is_modal
 * @param frame_screen_url          URL
 * @param frame_screen_extra_data    Extra Data
 * @param business_screen_url        URL
 * @param business_screen_extra_data Extra Data
 *
 * @returns
 */
async function LoadPopupFrameScreenSync(is_modal,
                                         frame_screen_url,
frame_screen_extra_data,
                                         business_screen_url,
business_screen_extra_data)
{
    var log_prefix, obj_extra_data, frame_screen, ret;

    log_prefix = "mainscreen:LoadPopupFrameScreenSync> ";

    obj_extra_data = {
        is_async_load: false,
        frame_screen_extra_data: frame_screen_extra_data,
        business_screen_url: business_screen_url,
        business_screen_extra_data: business_screen_extra_data
    };

//          SYNC
factory.consoleprint(log_prefix + "before loadpopupsync");
ret = await factory.loadpopupsync("POPUP_FRAME_SCREEN_SYNC",
    frame_screen_url, "POPUP FRAME SCREEN SYNC",
    false, XFD_BORDER_RESIZE, 0, 0, 200, 500, true, true, is_modal,
    screen, obj_extra_data);

```

```

factory.consoleprint(log_prefix + "after loadpopupsync");
factory.consoleprint(log_prefix + "return = " + ret);

if (!ret) { return ret; }

//
frame_screen = factory.findpopup("POPUP_FRAME_SCREEN_SYNC");
if (!factory.isobject(frame_screen)) { return ret; }

//
frame_screen_member = frame_screen.getmembers();
if (!factory.isobject(frame_screen_member)) { return ret; }

//          LoadBusinessScreen          async
factory.consoleprint(log_prefix + "before SyncLoadBusinessScreen");
await frame_screen_member.SyncLoadBusinessScreen(obj_extra_data);
factory.consoleprint(log_prefix + "after SyncLoadBusinessScreen");

return ret;
}

/**
 *          /
 *
 * @param frame_screen_url          URL
 * @param frame_screen_extra_data          Extra Data
 * @param business_screen_url          URL
 * @param business_screen_extra_data          Extra Data
 *
 * @returns
 */
function LoadPopupFramePortletAsync(frame_screen_url,
frame_screen_extra_data,
                                business_screen_url,
business_screen_extra_data)
{
    var log_prefix, obj_extra_data, frame_screen, ret,
        is_center, is_autosize, is_maximize;

    log_prefix = "mainscreen:LoadPopupFramePortletAsync> ";

    obj_extra_data = {
        is_async_load: true,
        frame_screen_extra_data: frame_screen_extra_data,
        business_screen_url: business_screen_url,
        business_screen_extra_data: business_screen_extra_data
    };

    is_center = true;
    is_autosize = true;
    is_maximize = false;

```

```

//
factory.consoleprint(log_prefix + "before loadportletpopup");
ret = screen.loadportletpopup("POPUP_FRAME_PORTLET_ASYNC",
    frame_screen_url, "POPUP FRAME PORTLET ASYNC",
    false, XFD_BORDER_RESIZE, 0, 0, 200, 500,
    is_center, is_autosize, is_maximize,
    obj_extra_data);
factory.consoleprint(log_prefix + "after loadportletpopup");
factory.consoleprint(log_prefix + "ret = " + ret);

factory.consoleprint(log_prefix + "return = " + ret);

return ret;
}

/**
 *
 *
 * @param frame_screen_url          URL
 * @param frame_screen_extra_data    Extra Data
 * @param business_screen_url        URL
 * @param business_screen_extra_data Extra Data
 *
 * @returns
 */
async function LoadPopupFramePortletSync(frame_screen_url,
frame_screen_extra_data,
                                     business_screen_url,
business_screen_extra_data)
{
    var log_prefix, obj_extra_data, frame_screen, ret,
        is_center, is_autosize, is_maximize;

    log_prefix = "mainscreen:LoadPopupFramePortletSync> ";

    obj_extra_data = {
        is_async_load: false,
        frame_screen_extra_data: frame_screen_extra_data,
        business_screen_url: business_screen_url,
        business_screen_extra_data: business_screen_extra_data
    };

    is_center = true;
    is_autosize = true;
    is_maximize = false;

//
factory.consoleprint(log_prefix + "before loadportletpopupsync");
ret = await screen.loadportletpopupsync("POPUP_FRAME_PORTLET_SYNC",
    frame_screen_url, "POPUP FRAME PORTLET SYNC",

```

```

        false, XFD_BORDER_RESIZE, 0, 0, 200, 500,
        is_center, is_autosize, is_maximize,
        obj_extra_data);
factory.consoleprint(log_prefix + "after loadportletpopupsync");
factory.consoleprint(log_prefix + "return = " + ret);

if (!ret) { return ret; }

//
frame_screen = factory.findpopup("POPUP_FRAME_PORTLET_SYNC");
if (!factory.isobject(frame_screen)) { return ret; }

//
frame_screen_member = frame_screen.getmembers();
if (!factory.isobject(frame_screen_member)) { return ret; }

//
LoadBusinessScreen      await
factory.consoleprint(log_prefix + "before SyncLoadBusinessScreen");
await frame_screen_member.SyncLoadBusinessScreen(obj_extra_data);
factory.consoleprint(log_prefix + "after SyncLoadBusinessScreen");

return ret;
}

/**
 *
 * @param is_modal
 * @param container_screen_url      URL
 * @param container_screen_extra_data      Extra Data
 * @param business_screen_url      URL
 * @param business_screen_extra_data      Extra Data
 *
 * @returns
 */
function LoadPopupFrameContainerAsync(is_modal,
                                     container_screen_url,
container_screen_extra_data,
                                     business_screen_url,
business_screen_extra_data)
{
    var log_prefix, obj_extra_data, ret;

    log_prefix = "mainscreen:LoadPopupFrameContainerAsync> ";

    obj_extra_data = {
        container_screen_extra_data: container_screen_extra_data,
        business_screen_url: business_screen_url,
        business_screen_extra_data: business_screen_extra_data
    };

//
/

```

```

factory.consoleprint(log_prefix + "before loadpopup");
ret = factory.loadpopupex("POPUP_FRAME_CONTAINER_ASYNC",
    container_screen_url, "POPUP FRAME CONTAINER ASYNC",
    false, XFD_BORDER_RESIZE, 0, 0, 200, 500, true, true, is_modal,
    screen, obj_extra_data);
factory.consoleprint(log_prefix + "after loadpopup");
factory.consoleprint(log_prefix + "ret = " + ret);

return ret;
}

/**
 *
 * @param is_modal
 * @param container_screen_url URL
 * @param container_screen_extra_data Extra Data
 * @param business_screen_url URL
 * @param business_screen_extra_data Extra Data
 *
 * @returns
 */
async function LoadPopupFrameContainerSync(is_modal,
    container_screen_url,
container_screen_extra_data,
    business_screen_url,
business_screen_extra_data)
{
    var log_prefix, obj_extra_data, popup_screen;

    log_prefix = "mainscreen:LoadPopupFrameContainerSync> ";

    obj_extra_data = {
        container_screen_extra_data: container_screen_extra_data,
        business_screen_url: business_screen_url,
        business_screen_extra_data: business_screen_extra_data
    };

    //
    //
    // addcontenttab API

    factory.consoleprint(log_prefix + "before loadpopupsync");
    ret = await factory.loadpopupsync("POPUP_FRAME_CONTAINER_SYNC",
        container_screen_url, "POPUP FRAME CONTAINER SYNC",
        false, XFD_BORDER_RESIZE, 0, 0, 200, 500, true, true, is_modal,
        screen, obj_extra_data);
    factory.consoleprint(log_prefix + "after loadpopupsync");
    factory.consoleprint(log_prefix + "return = " + ret);

    //
    // URL
    popup_screen = factory.findpopup("POPUP_FRAME_CONTAINER_SYNC");

```

```
    if (factory.isobject(popup_screen)) {  
        factory.consoleprint(log_prefix + "screen = " +  
popup_screen.getscreenurl());  
    }  
  
    return ret;  
}
```

From:

<https://technet.softbase.co.kr/wiki/> - **xFrame5 TechNet**

Permanent link:

https://technet.softbase.co.kr/wiki/guide/screen/sync/sync_loadpopup



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