

Error Handling - Pop up Errors

Purpose:

Handling pop up errors in WS functions.

Usage:

If an error occurs while entering data on a popup screen, SAP issues the error on another pop up.

Below example explains the handling of such errors in a function.

In below example we handle the error pop up in "MM01" transaction, encountered while entering data on "Organizational Levels" pop up.

On "Create Material(Initial Screen)", enter "Industry Sector" and "Material Type" and click on enter to execute below function.

Liquid UI Code

```
//////////////////// SAPLMGMM.E0060.sjs //////////////////////
```

```
onUIEvents['Enter'] = {"process":mm01_create_material}; // calls function on enter
```

```
function mm01_create_material(){
```

```
onscreen 'SAPLMGMM.0060'
```

```
enter("/5");
```

```
onscreen 'SAPLMGMM.0070' // code to selects table rows
```

```
set('Cell[Table,0,1]', 'X');
```

```
set('Cell[Table,0,4]', 'X');
```

```
set('Cell[Table,0,6]', 'X');
```

```
set('Cell[Table,0,12]', 'X');
```

```

set('Cell[Table,0,13]', 'X');
set('Cell[Table,0,14]', 'X');
enter("/6");

onscreen 'SAPLMGMM.0080' // defaulting data on popup
set('F[Plant]', ''); // no data entered in F[Plant] causes popup error.
set('F[Stor. Location]', '0001');
enter();

//code for handling popup error
onscreen 'SAPMSDYP.0010' //error pop up screen
set("V[z_message]", "&F[MESSTXT1]"); // error message
enter();

onscreen 'SAPLMGMM.0080'
message("E:"+z_message); //display error message on initial screen
enter('/12');
}

```

You can see error message displayed on "Create Material(Initial Screen)" instead of pop up.

Enter "Industry Sector" , "Material Type" and hit enter.

The screenshot shows the 'Create Material (Initial Screen)' window. It has a title bar and three tabs: 'Select View(s)', 'Org. Levels', and 'Data'. The 'Data' tab is active. The form contains the following fields:

- Material:** A text input field with a yellow highlight and a magnifying glass icon.
- Industry sector:** A dropdown menu showing 'Mechanical Enginee...'.
- Material Type:** A dropdown menu showing 'Finished product'.
- Change Number:** A text input field.
- Copy from...:** A section with a 'Material' label and a text input field.

"Error Popup" if code for handling popup error is not added.

This screenshot shows the 'Create Material (Initial Screen)' window with an 'Organizational Levels' popup and an 'Error' message.

Organizational Levels Popup:

- Organizational levels:**
 - Plant: []
 - Stor. Location: 0001
 - Sales Org.: []
 - Distr. Channel: []
- Profiles:**
 - MRP profile: []
- ☐ Org. levels/profiles only on request

Error Message:

Entry 0001 does not exist in T001L (check entry)

The main form in the background shows the 'Data' tab with the following fields:

- Material:** []
- Industry sector:** Mecha
- Material Type:** Finishe
- Change Number:** []
- Copy from...:**
 - Material: []

At the bottom of the main form, there are three buttons: 'Select View(s)', 'Default Setting', and a close button (X).

Error message from pop up displays on status bar of "Create Material(Initial Screen)" after adding code for handling popup error.

The screenshot displays the SAP 'Create Material (Initial Screen)' window. The title bar includes a green checkmark icon, a dropdown menu, and standard window controls. The main area contains the following fields:

- Material:** A text input field with a yellow highlight and a magnifying glass icon.
- Industry sector:** A dropdown menu showing 'Mechanical Enginee...'.
- Material Type:** A dropdown menu showing 'Finished product'.
- Change Number:** A text input field.
- Copy from...:** A section containing a 'Material' label and a text input field.

The status bar at the bottom displays an error message: **! Entry 0001 does not exist in T001L (check entry)**. The SAP logo is visible on the right side of the status bar.