

# 1506163 - UI\_UI API break down with RPC error

<b>Version</b>	3	<b>Type</b>	SAP Business One Notes
<b>Language</b>	Inglés	<b>Master Language</b>	Inglés
<b>Priority</b>	Recommendations/additional info	<b>Category</b>	FAQ
<b>Release Status</b>	Released for Customer	<b>Released On</b>	01.08.2016
<b>Component</b>	SBO-SDK-UI ( User Interface )		

Please find the original document at <https://launchpad.support.sap.com/#/notes/1506163>

## Symptom

Your add-on is running long-time operations, also the UI API keeps sending events to this add-on. After the long-time operation is done, you may get the error:

**Exception: System.InvalidCastException: Unable to cast COM object of type 'SAPbouiCOM.ApplicationClass' to interface type 'SAPbouiCOM.IApplication'. This operation failed because the QueryInterface call on the COM component for the interface with IID '{D1F75D47-137C-4335-AC2A-3FE209831B6A}' failed due to the following error: System call failed. (Exception from HRESULT: 0x80010100 (RPC\_E\_SYS\_CALL\_FAILED)).**

## Cause

Limitation

## Solution

### Workaround

Set the key HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Windows\“USERPostMessageLimit” in regedit. Make this key large enough like 400,000

Or you can use the RemoveWindowsMessage method which is exposed in 8.82 like this:

```
System.Threading.Thread.Sleep(1000 * 60); //replace with your real working code
SBO_Application.RemoveWindowsMessage(SAPbouiCOM.BoWindowsMessageType.bo_WM_TIMER, true);
```

This method enables you to deal with extreme scenarios. When an add-on needs to take a long time to process a UI API event, it prevents SAP Business One from processing the Windows message queue.

## Other terms

RPC Call, Thread, SDK, synchronous, asynchronous

## Products

SAP B1 VERSION FOR SAP HANA all versions

SAP BUSINESS ONE all versions