



Newsletter Kernel

Microsoft Dynamics C5 2012
Service Pack 2 Hot Fix 6

July 2015

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Introduction

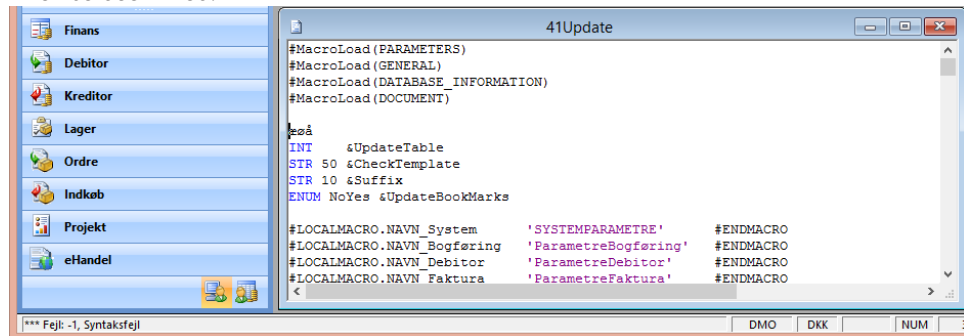
The Microsoft Dynamics C5 2012 SP2 HF6 kernel C5 4.4.2.470 contain 29 fixes for bugs that have been reported or found in internal tests since release of the Microsoft Dynamics C5 2012 SP2 HF2 kernel C5 4.4.2.438.

General

Bug fixes and changes in C5 editor

GUI code editor does not show compiler error on status line.

This has been fixed.

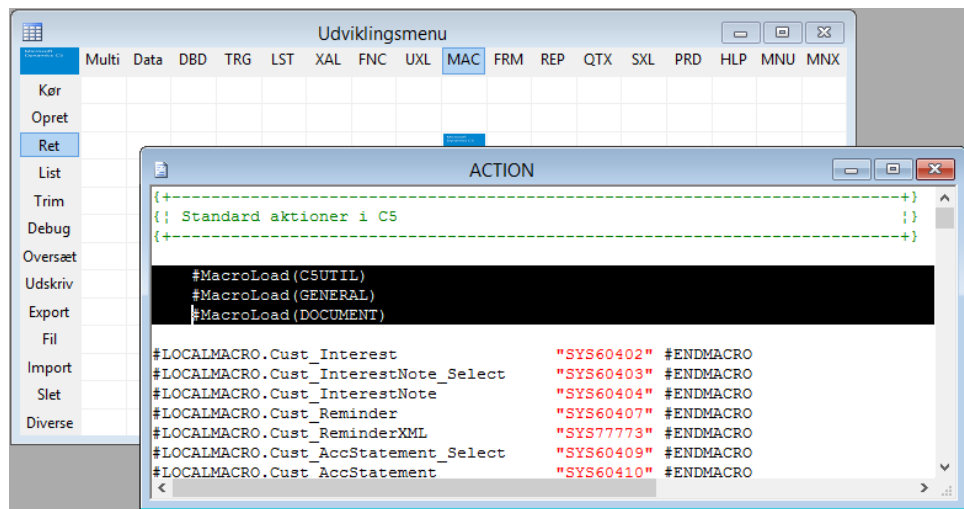
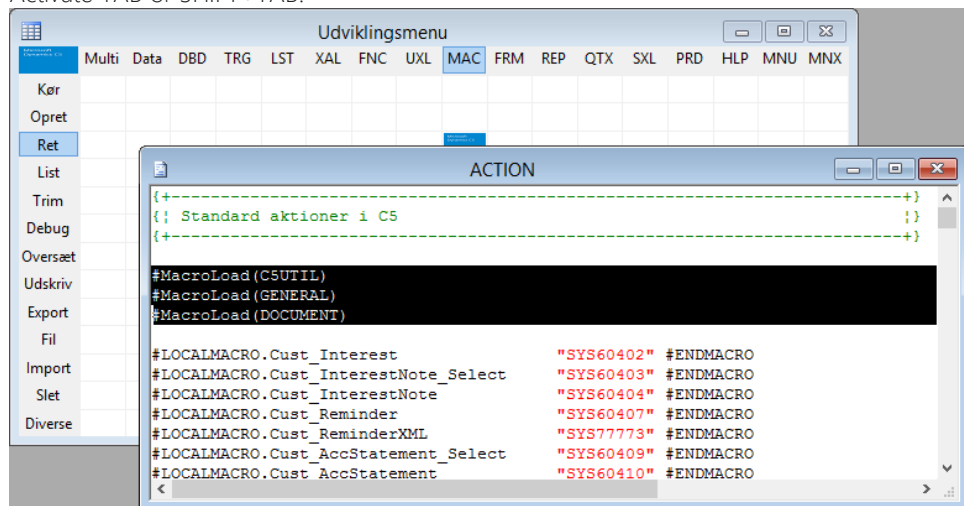


Support for multi line TAB and SHIFT+TAB in notes/code editor.

The C5 notes/code editor now supports multi line TAB and SHIFT+TAB.

Activate mark line with ALT+L plus arrow keys to select lines.

Activate TAB or SHIFT+TAB.



Improvement of split lines/join lines functionality in notes editor.

The C5 notes editor differs from most text editors in the way the text lines are stored.

In the C5 notes editor lines are stored as separate strings. This makes text flow with word wrap activated hard to achieve. The C5 notes editor has been changed to mimic text flow of standard editors. This has been achieved by nesting split line/join line in the word wrap functionality. When adding text in an existing paragraph, the C5 notes editor will handle a set of lines as a paragraph, if a line ends with character

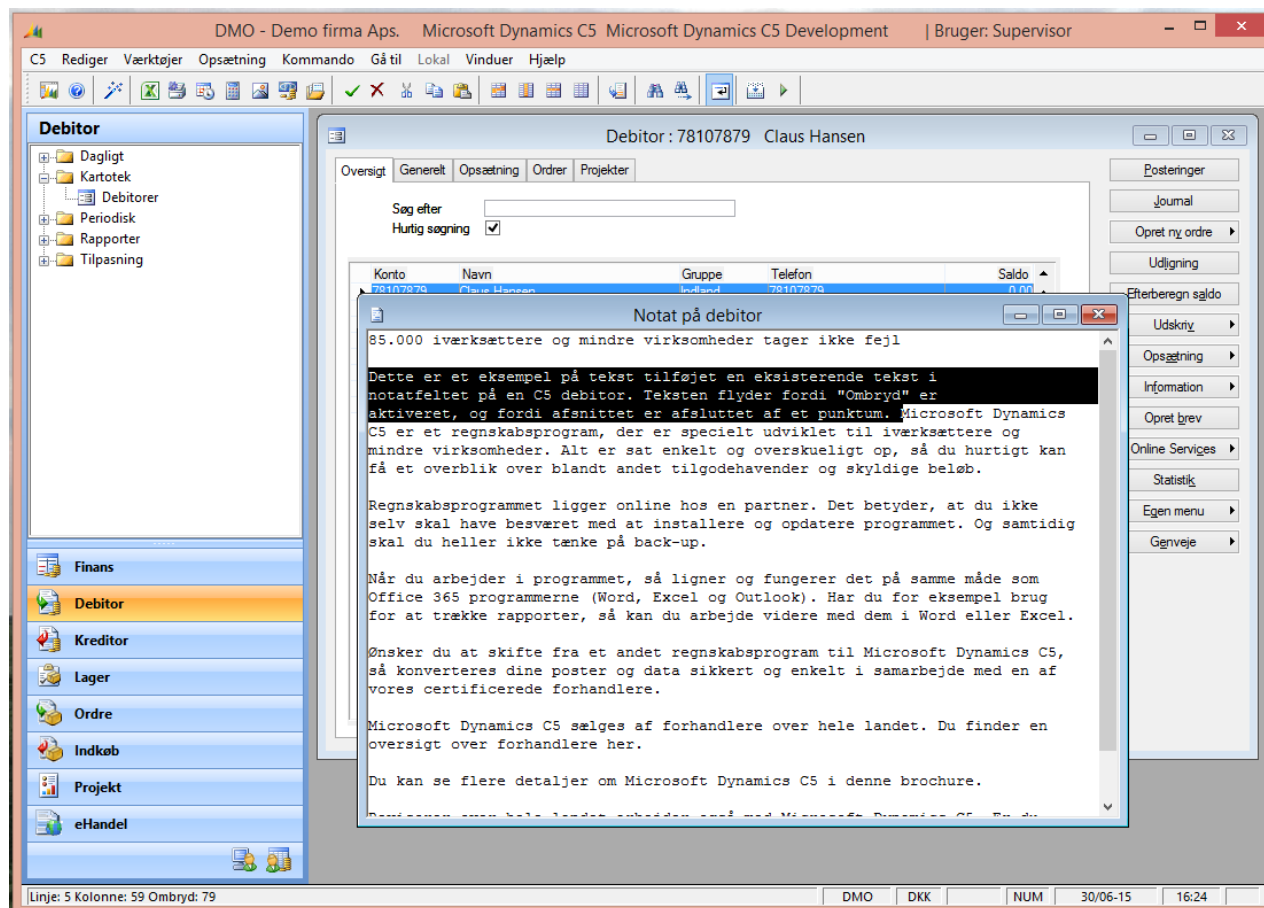
. (period)

! (exclamation point)

? question mark)

: (colon)

In the example below the marked text has been typed in the beginning of the existing paragraph:



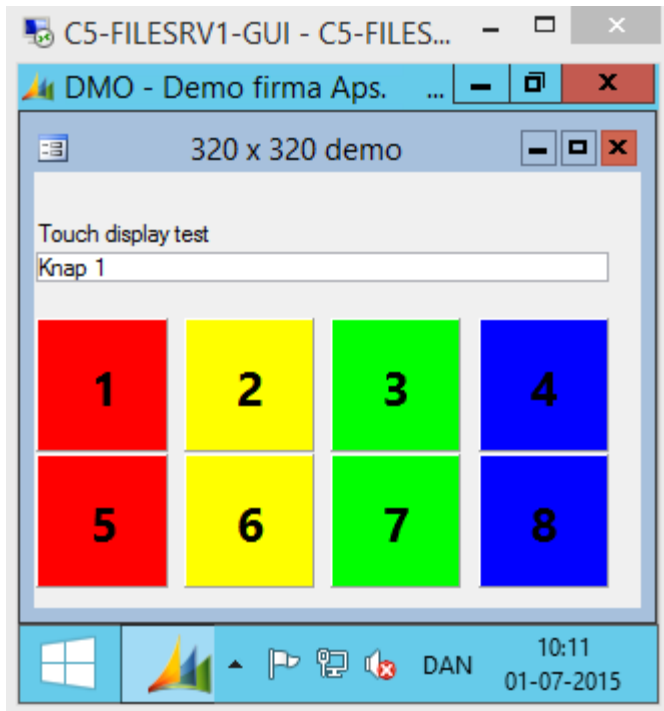
Support for c5application.log (-LOG)

As a troubleshooting feature in C5 network installations, support for a text file based c5application.log has been introduced. The functionality will attempt to write all C5 EventLog writes on client computers to a central c5application.log text file in the root of the C5 installation. Example of the format is shown below:

```
c5application.log *
19
20 25/02-15 13:23:20
21
22 Computer : C5-TVPC-WIN1064.europe.corp.microsoft.com
23 User.... :
24 EventID..: 0
25
26 Microsoft Dynamics C5 kernel version: 4.4.2.438 (Native GUI)
27 Microsoft Dynamics C5 Session Id: 30
28 ProcessId: 7544
29 TS_SessionId: 3
30
31 Microsoft Dynamics C5 Aborting
32 Microsoft Dynamics C5 is unable to continue, because vital resources may have
33 become invalid due to a critical power down event or lost network connection.
34
35 Microsoft Dynamics C5 will now exit.
36
37 ***
38
39 25/02-15 13:23:21
40
41 Computer : C5-TVPC-WIN1032.europe.corp.microsoft.com
42 User.... :
43 EventID..: 0
44
45 Microsoft Dynamics C5 kernel version: 4.4.2.438 (Native GUI)
46 Microsoft Dynamics C5 Session Id: 14
47 ProcessId: 3540
48 TS_SessionId: 3
49 Error Code: 5
50 Error Description: Access is denied.
51
52
53
54 Failed to open session file
55
56 ***
57
58 25/02-15 13:23:21
59
60 Computer : C5-TVPC-WIN1032.europe.corp.microsoft.com
61 User.... :
62 EventID..: 0
63
64 Microsoft Dynamics C5 kernel version: 4.4.2.438 (Native GUI)
65 Microsoft Dynamics C5 Session Id: 14
66 ProcessId: 3540
67 TS_SessionId: 3
```

Support for no menu bar (-NMB), no tool bar (-NTB) and no main menu (-NMM).

To support special deployment scenarios of C5 with limited screen resolution, e.g. hand held device with 320 X 320 pixel screen and RDP, support for no menu bar (-NMB), no tool bar (-NTB) and no main menu (-NMM) has been introduced. The three options works detached from settings in Setup/System default, which are configured per user. Combined with the enhanced properties of bitmap buttons introduced in C5 kernel 4.4.2.415, solutions for e.g. above mentioned device types can be developed:



Fix List

| Bug Id | | Title | Comment |
|--------|-----------------|--|---------|
| 3241 | | Icon update - 4 new icons in BITMAP.MAC | Fixed |
| 3250 | | Get extended information about database server in report SQL-Status | Fixed |
| 3254 | | Files with lines longer than 251 characters cannot be read by General/Setup/Development menu/File | Fixed |
| 3255 | | DW Bucket 73700733540: Crash caused by C5W32C.exe!frm_eval_field_cql in c5w32c.exe | Fixed |
| 3256 | | Support for GET in function httpOpen | Fixed |
| 3257 | | In some situations, Microsoft Outlook (Outlook) Automation cannot access other mail profiles that the default mail profile. | Fixed |
| 3258 | | Crash in retail kernel when running queries on tables with more than QT_IDXCOMPS index components in first index on table | Fixed |
| 3259 | | Support for multi line TAB and SHIFT+TAB in notes/code editor | Fixed |
| 3263 | | Support for c5application.log (-LOG) | Fixed |
| 3264 | | GUI code editor does not show compiler error on status line. | Fixed |
| 3266 | | Console debugger is only able to debug a given trigger or function once. | Fixed |
| 3267 | | Improvement of split lines/join lines functionality in notes/code editor | Fixed |
| 3268 | | Mouse wheel does not work correctly on Windows 10 | Fixed |
| 3269 | | Support for Windows 10 (SM_CXFRAME problem) | Fixed |
| 3270 | | Wrong spool file name in caption on spool file overview form | Fixed |
| 3271 | | C5 seems unresponsive during database size check on large datasets | Fixed |
| 3272 | | Setup/System default/Show status bar/Extra high does not show visible difference in status bar. | Fixed |
| 3274 | | WRITE AS sets &WRITESTAT to 1 if file cannot be opened in write mode - according to documentation this should be -8 (error opening file) | Fixed |
| 3275 | | Support for no menu bar (-NMB), no tool bar (-NTB) and no main menu (-NMM). | Fixed |
| 61372 | 114111012011075 | C5 should warn against using devicename /Reserved device name as the 3 letter extension | Fixed |
| 61381 | 115010512224351 | C5w32.exe hangs 1 min at no std. printer | Fixed |
| 61390 | 115022012425976 | TableLayout.FRM - limitation in string variable &S in Event trigger | Fixed |
| 61392 | 115022012425934 | Element.MAC - the macro has a limit of 500 characters | Fixed |
| 61398 | 115031312513769 | Change sign on field in FORM turns sign on 0 | Fixed |
| 61399 | 115031312513800 | Rows in SQL database with 0 rownumber - minor change to SQL-CheckSeq.XAL | Fixed |
| 61402 | 115022612448386 | Xal.Comparison2Export | Fixed |

| | | | |
|-------|-----------------|--|-------|
| 61404 | 115031812529822 | Compiler supports 20 parameters to a macro, but CTRL + F12/ Insert macro supports only 15 | Fixed |
| 61406 | 115031712525312 | PMODE=MODAL not working on notes (BOXEDIT) | Fixed |
| 61426 | 115063012895430 | Scroll bar and arrows does not work in drop list in printer option box on Windows Server 2008 R2 | Fixed |

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