

Change log for Rainbow 26.xx.x

Version 26.02.2 – 28 February 2026

Rainbow initialisation

Advised by BDO Denmark that they are left with file AddRainbowPro.xlam sitting in folder XLSTART after users click Cancel or press [Esc] on the pop-up dialogue box after initial installation. This then results in an additional blank sheet loading on startup.

Amended code in ActivateMenu\ContinueCheck 274-293 to check for AddRainbowPro.xlam on each startup (rather than only at initial installation, when REGRUNINSTL registry value is 1), and if present to display a dialogue box offering to delete it.

Deep Structure

Decided to add outlining, to enable users to scan through a list of worksheets without their dependent files. Added relevant code at DeepStructure\ZipStruct 134 (note maximum outline level is 8) and ReportRels 351-353, 477.

In order to align levels in column A with outline levels, reduced level numbers by 1 (so worksheets are level 1 rather than 2). Amended DeepStructure\ZipStruct 129 and ReportRels 352, 354, 384,388. Also updated User Guide text.

Version 26.02.1 – 5 February 2026

Deep Structure

Decided to move this function to sit under Summary Report (rather than Structure Map), as it similarly handles protected and hidden files, and complements Summary Report. Changed the ribbon XML accordingly and edited the Menu Guide specification sheet. Also minor change of order in AddCallbacksOne\DoMenuItems.

Noted that the function needed to check that the current file (1) had been saved, and (2) in Open XML file format. Borrowed code from PassToolForm to add to OneForm lines 8, 20-32 and 51-52.

Version 26.02.0 – 4 February 2026

Deep Structure

New function reporting dependencies and file sizes of underlying XML files, reading the .rels files to track relationships. New DeepStructure module with new subroutines ZipStruct, SelectFiles, RelateFiles, and ReportRels.

Some of the code is based on similar code used for the Deep Compare function, with similar use of cell colour gradients to create a bar chart. The chart in column F uses Rainbow standard colours from 701 corresponding to dependency levels. The colours in the “Total sheet bytes” bar chart are taken from the Structure Map, with the third colour slightly modified (less green) here and in IntSheetDiagram\ CreateDiagram lines 392, 453.

Deep Compare

Noted that XML files were being processed in alphabetical order, i.e. abcd1, abcd10, abcd11, abcd2, etc. Added code in DeepCompare\CompareXML (now \SelectFiles) 270-296 to process files with numerical ending in numerical order, to bring this into line with the Deep Structure function.

Separated out the file comparison routine as CompareXML and renamed the (now updated) file selection routine as SelectFiles, with a call to CompareXML.

Changed the order of looping through folders to start with the xl\worksheets folder, and then process other folders in A-Z (rather than Z-A) order, i.e. no longer using a Collection object.

Changed the data type of path and filename variables from Variant to String in DeepCleanOne, DeepCleanTwo, and DeepCompare modules, except in OpenZip() and CloseZip() and UrlDecode() where Variant is required.

Discovered that in certain Excel workbooks (possibly from outside the UK?), the file workbook.xml.rels (1) places the relationship Id at the end of each line rather than near the beginning, and (2) prefixes the Target specification with “/xl/”. Made adjustments for this in DeepCleanOne\ LookupSheet lines 463-467 and 471-472.

Rainbow initialisation

Using Office RibbonX Editor to access the zipped customUI folder, deleted customUI.xml (for Excel 2007), leaving the almost identical customUI14.xml (for Excel 2010+). Similarly deleted VBA routine for ActivateMenu\RainbowLoaded (lines 162-166), leaving the identical Rainbow14Loaded routine.

At the start of all 81 modules, replaced “... add-in for Excel 2007+” with “... add-in for Excel 2010+”

Rainbow licensing

Although licence key can be calculated (in Analyst Users) for single-word user name, such names have been disallowed in RegisterForm\ OKButton_Click line 31. This is potentially a problem for corporate licences with a single-word company name. Changed line 31 to check that name is at least 3 characters, starting with a letter or number.

Also noted that there are references to constants CORPLICNAME and CORPLICEMAIL (defined in ActivateMenu 15-16), which are legacy from when licence details were held within the Rainbow workbook rather than the Windows Registry.

Removed references to these constants from RegisterForm\ OKButton_Click lines 31, 37, and ActivateMenu\ CopyRegister lines 491-492 (set variables to "") and 507 (conditional to display value of CORPLICNAME). Removed definitions of CORPLICNAME and CORPLICEMAIL.

Other issues

Updated all 82 references to year 2025 (i.e. in copyright notices) to year 2026.