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Point release 3.41 - January 22, 2021  
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This version is released primarily for official 64-bit FrameMaker 2020 support.

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Point release 3.40 - January 24, 2019  
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This version is released primarily for official 64-bit FrameMaker 2019 support.

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Point release 3.30 - November 30, 2015  
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This version is released primarily for official FrameMaker 12 and FrameMaker 2015 support.

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Patch release 3.13 – August 22, 2013  
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This release includes the enhancements and fixes:

- **Main settings in a non-writable location.** The software now allows the main settings file to reside in a non-writable (read-only) location. For any user that does not have write access to the location, scheme data will be viewable, but scheme editing tools will not allow the user to commit changes. In an enterprise settings scenario, this may be one method to limit who can alter scheme data.
- **External call fix.** A spurious 108 error return on a “colorfile” external call has been fixed. The problem only occurred if the last file in the book was unstructured and did not mean that any error had actually occurred.
- **External calls to return version numbers.** New external calls were added to return the major and minor version numbers of the plugin.

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Point release 3.10 - 10/9/2012  
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This release includes the following items, some of which were made available earlier through limited-distribution patches to specific users:

- **FrameMaker 11 support.** The software is now believed stable and functional on FM11. However, because FM11 is new, long-term testing in a production environment

has not yet occurred. If you notice any problems with AXCM and FM11, please let us know as soon as possible.

- **Background coloring for FM10 (and later) added.** In coloring schemes you can now specify a background color (highlighting), which uses the corresponding new feature introduced with FM10. This addition is intended to model the new ability to specify a background color for native conditional text indicators. Note that the setting has no effect in any previous versions of FM.

IMPORTANT! This addition has required an update to the main settings file EDD. AXCM will automatically update your working file. HOWEVER, if you store your main settings in an XML format, you'll need to make an adjustment to your structure application, including a new EDD/template and DTD! More than likely, before you install this version of AXCM, you should manually convert your settings file and get your structure app updated. If your main settings reside in XML format, please contact West Street for more info.

In addition to schemes stored in the standard main settings file, background coloring is also supported for configuration file schemes. In the cell where a color name is specified, you can enter two colors separated by a comma, such as:

Red,Green

When the scheme is read, the first color becomes the foreground color and the second becomes the background color. To specify a background color only, keep the comma but leave the foreground color blank, for example:

,Green

- **For FM9 and later, books with folders and groups are now supported.** All coloring, filtering, and validation functions should work normally with nested book components. Additionally, in the filter dialog, there is a new “**Delete empty folders and groups after filtering**” option that allows empty containers to be removed after the filter. This option applies to duplicate file filters only and will remove empty folders or groups whether or not the filter emptied them out or they were empty to begin with.

**Note that nested book files are not supported and likely never will be.**

- **New “Source file – No restore” filter mode.** This mode of filtering operates identically to the standard source file filter, except that it does not do a filter restoration beforehand. By skipping the restoration, you can run multiple schemes on a single file and the results will be cumulative. It is expected that this mode is applicable for certain specialized uses only.

- **XPath-based coloring fix.** A bug that caused some improper coloring with XPath-based coloring schemes has been fixed.

- **When opening a file (such as a main settings or configuration file), AXCM now handles opening alerts better.** Primarily, it allows you to select the proper structured application if the file is in XML format.
- **The maximum XPath expression length has been increased from 255 to 10,000 characters, controlled by a new XPATH\_EXPRESSION\_MAX\_LENGTH setting in the local settings file.** The default setting is 1,000 characters.
- **The XPath expression tester in the XPath schemes dialog box operates more intuitively now,** in that it no longer selects any nodes that are subordinate to any unmatched nodes, providing a more realistic representation of filtering behavior.
- **Some obscure bugs related to multibyte (Unicode characters) have been fixed.**
- **Fixed a bug that prevented a main settings file from being stored on an unmapped network drive.**
- **When filtering via external calls, a new "Source\_NR" option allows multiple source-file filters to be run on the same file.** See the User Guide for more info.

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**Release 3.00 - 8/31/2011**  
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This release includes the following items. If you are an existing user who is currently upgrading, you should read these release notes carefully.

- **Official FrameMaker 10 support.**
- **Official Unicode support.** Unicode characters are now supported in all areas, including XPath expressions.
- **The main settings file structure definition (EDD) and template has changed significantly to allow a smooth transition to and from XML,** which means that you can store your main settings file in XML format now. What this also means is that any previous versions of main settings files will no longer work with the plugin. To accommodate existing users, an automatic conversion utility is included that prompts you whenever an older file is encountered. File conversions are permanent, so you should be sure to back up your existing main settings data before pointing this new version of AXCM to it. If you have any questions or concerns, please contact us before upgrading.

- **The AXCM user interface is now fully translatable into any other language**, by means of "language files" and some new menu commands. No real languages are included, only the ability for you to translate as desired. See the User Guide for more information.

- **Scheme data can now be stored in tabular format in "configuration files,"** as well as the traditional main settings file. Any FM, MIF, or XML document can be a configuration file, provided that the tables use the proper layout and syntax. The coloring, filter, and validation dialog boxes now include controls to open and read scheme data from these files. A sample configuration file is included and more information can be found in the User Guide.

- **Local settings are now stored in a simple text file format**, which greatly reduces the overhead of managing settings and makes it much easier to add new settings. If you need something to be configurable that currently is not, it is likely that we can add it much more easily now.

- **The standalone WS\_XPath.dll file has become obsolete**, as all XPath functionality is merged into the main application. If you are upgrading, be sure to disable this DLL in your maker.ini file.

- **AXCM can now filter within native text insets.** Behind the scenes, it "unlocks" them at the beginning of a filter action, performs all necessary filtering within, the locks them again.

- **A number of small amenities have been added**, such as the ability to print active scheme data to the console.

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Patch release 2.01 - 12/27/2009  
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The AXCM.dll and support files can now be installed anywhere on the local hard drive, provided that the path in maker.ini is correct. Support files (such as AXCM\_Settings.fm) must be in the same folder as the DLL file. Existing installation instructions are still valid and have not changed.

If you are using v2.00 and have no need to install AXCM in a different location, this patch will likely not be of use to you.

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**Release 2.00 - 8/14/2009**  
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This release adds three primary new features:

- The option to construct schemes using XPath expressions
- The option to construct schemes "on-the-fly" for filtering
- The option to store all settings in the Windows user profile area ("Documents and Settings"), rather than the previous behavior of storing settings in the installation area only. By default, this option is now enabled. See the User Guide and comments within the AXCM.ini file for more information.

These features have many details associated with them which are beyond the scope of this document... see your User Guide for more information. Additionally, this release includes a number of usability enhancements such as:

- The ability to suppress certain warnings, with a new set of preferences
- A "Move" button in the scheme editor to move a scheme to a new category

FM9 users - Please read the message that appears in the main ABCM menu.

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Patch release 1.01 - 3/2/2008

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- Removing coloring no longer removes book-applied overrides
- New "Uncoloring" command for documents and books
- New ability to add multiple instances of the same attribute to the same scheme, which effectively adds the "AND" filtering logic capability to attribute values. In a scheme, the values specified for an attribute are hardcoded to use an "OR" value, in that any match of a value in the list will satisfy the attribute check. However, the logic between attributes in the scheme is always "AND", in that a failed check on any attribute will cause the element to be filtered out. So, by adding the same attribute more than once with different values, you force the AND logic to the values as well.

It's important to remember that for individual attribute values, the OR logic still applies, so a scheme must be properly constructed to make the new AND logic work. For example, assume that you want to keep only elements that have a Product attribute set to ProductA AND ProductB. You would form a scheme of attributes something like:

```
Product <no value>  
  ProductA
```

```
Product <no value>  
  ProductB
```

Note that this is based on the assumption that an unspecified attribute is unconditional, which means that it satisfies ProductA AND ProductB. If this seems confusing, please contact West Street for more information and suggestions.