



Editorial and XML
Solutions for Publishers

eXtyles New Feature Demos and Discussion

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First, a Look (Not Too Far) Back

At XUG 2017, we introduced:

► Enhanced Auto-Redact

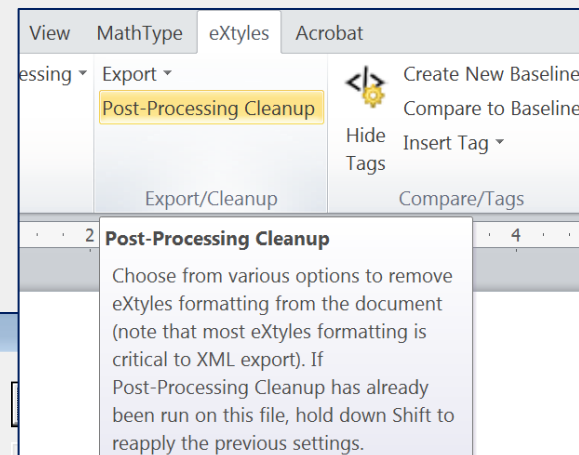
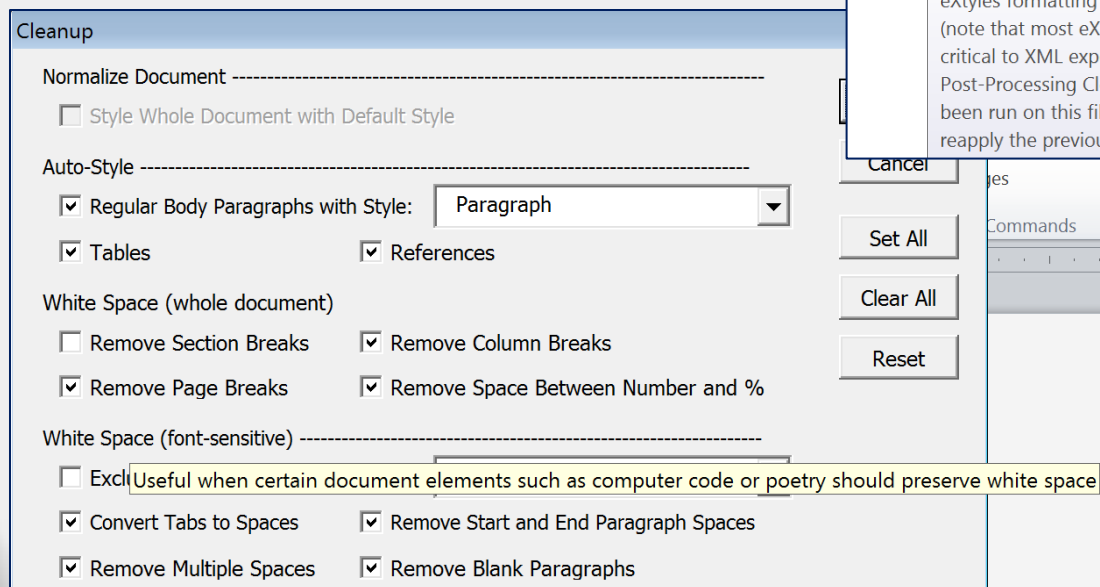
- ▷ Enables staging of Auto-Redact (different rules can be applied at different times)
- ▷ Leverages Advanced Processing for targeted editing of color-coded document elements
- ▷ **We want to show you one interesting application**
- ▷ Contact us if you'd like to learn more

First, a Look (Not Too Far) Back

At XUG 2017, we introduced:

► Tool Tips

- Are people aware of these?
- Have they been helpful?



What's New in 2018?

General Improvements

(there were ~300 new items added to our release notes since XUG 2017 – we'll just cover some highlights 😊)

eXtyles Core

- ▶ New COM architecture
- ▶ Coming Q1 2019
- ▶ More robust for the future because it avoids Word macros
 - ▷ Should mitigate some security issues
 - ▷ Required by some organizations that do not allow macros
- ▶ Word loads faster

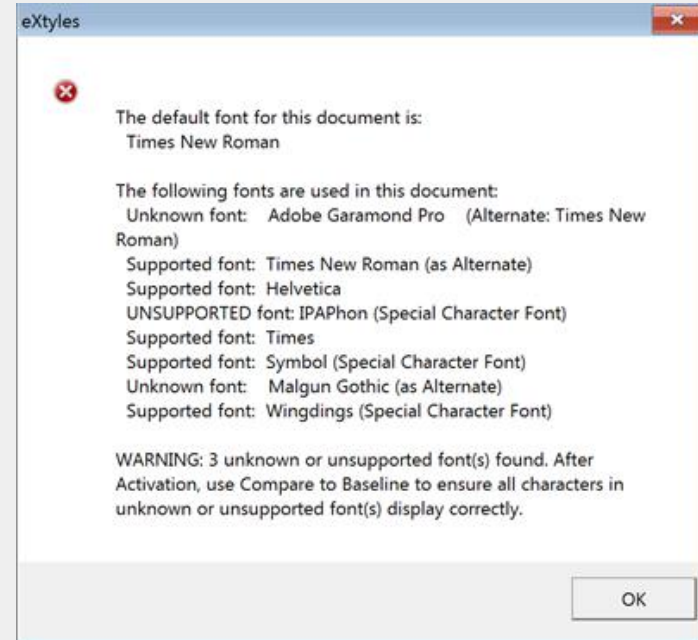
Font Audit

- ▶ Improved reporting of Font Audit to give clearer results about what fonts are supported, unsupported, or unknown
- ▶ **FINALLY!**

from: **Elizabeth Blake** <lblake@inera.com>
to: Bruce Rosenblum <bruce@inera.com>
date: Thu, Jan 10, 2008 at 2:47 PM
subject: Font audit
mailed-by: inera.com

Font Audit

- ▶ If you see a font listed as "unknown" that is supported, you can report it to us so it can be added to eXtyles to reduce such warnings



- ▶ We also moved the warning about OMMML math to the beginning of the dialog so it doesn't get lost after a long list of fonts

Document Information

- ▶ For customers who use the Reapply Styles feature on Activation, we have added support enabling it to apply to only a specified subset of paragraph styles
 - ▷ Most useful for customers who use some Word built-in styles (e.g., Heading 1), so they can reapply, for example, just the heading styles if the file has passed through a machine with different visual formatting settings
 - ▷ Reapply styles can take a long time on a long document, so this setting can enhance performance

Paragraph Styling

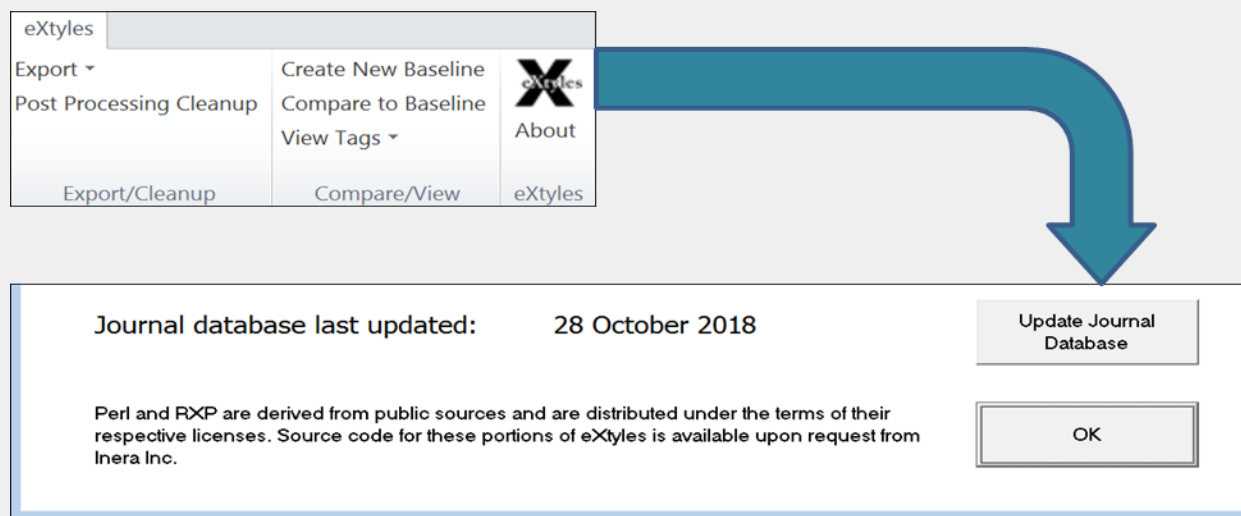
- ▶ Improved the opening position of the paragraph style palette on high-resolution screens
- ▶ Updated eXtyles to automatically turn on the Windows accessibility setting to display underlined hotkeys in the style palette in Word 2013 and 2016
 - ▷ Will happen automatically for builds 4057 and later, but after running eXtyles once to set the flag, you need to reboot Windows for it to take effect
 - ▷ See eXtyles Support FAQ
<http://support.extyles.com/support/solutions/articles/1000192709-paragraph-styling-menu-hotkeys-are-missing-in-word-2013-and-2016> for instructions on how to update this setting for builds before 4057

URL Checking

- ▶ Added ability to automatically correct URLs when the only difference between what's in the document and the reported redirected URL is the "s" in "http" vs. "https"
- ▶ Will eliminate a lot of comment noise, especially from government URLs
- ▶ Will not kick in if there are any other differences between the two URLs
- ▶ Will notify user in a dialog

Journal Database

- ▶ Hit 50,000 entries!
- ▶ What are the odds? Our 50,000th journal was an eXtremes customer: *BPB Reports* in Japan
- ▶ You can always access the latest and greatest version of the database from the About eXtremes dialog



Reference Processing

- ▶ Made significant updates to recognition of book references and improved recognition of book titles, especially in cases in which a numeric range (e.g., "1860-1865") appears in a book title
- ▶ Added support for multiple publisher/location pairs in book references

PubMed Reference Validation

Added support to query PubMed with a DOI if there is an author-provided DOI in the reference

<p>Litteratur</p> <p><jrn>5. Gjersvik P. Å skrive må læres. Tidsskr Nor Legeforen 2017;... doi:10.4045/tidsskr.17.0537</jrn></p> <p><jrn>6. Frich JC, Andersen S, Bærheim A et al. En felles prøve for alle legestudenter i Norge. Tidsskr Nor Legeforen 2017;... doi:10.4045/tidsskr.17.0536</jrn></p>	<p>Comment [RD1]: Please provide the missing volume number in this journal reference. (Ref. 5 "Gjersvik, 2017")</p> <p>Comment [RD2]: Please provide the missing volume number in this journal reference. (Ref. 6 "Frich, Andersen, Bærheim, et al, 2017")</p>
<p><jrn>7. Colberg AB, V strykprose Legeforen</p> <p><jrn>8. Salvesen KÅ. Legeforen doi:10.40</p>	<p>Litteratur</p> <p><jrn>5. Gjersvik P. Å skrive må læres. Tidsskr Nor Laegeforen 2017; 137. doi:10.4045/tidsskr.17.0537 PubMed</jrn></p> <p><jrn>6. Frich JC, Andersen S, Bærheim A et al. En felles prøve for alle legestudenter i Norge. Tidsskr Nor Laegeforen 2017; 137. doi:10.4045/tidsskr.17.0536 PubMed</jrn></p> <p>Comment [RD1]: Medline reports the vernacular (English) article title is Learning how to write.. (Ref. 5 "Gjersvik, 2017")</p> <p>Comment [RD2]: Medline reports the vernacular (English) article title is A common test for medical students in Norway.. (Ref. 6 "Frich, Andersen, Bærheim, et al, 2017")</p>
<p><jrn>7. Colberg AB, V strykprose Laegeforen 2 PubMed</jrn></p> <p><jrn>8. Salvesen KÅ. Laegeforen 2 PubMed</jrn></p>	<p>Litteratur</p> <p><jrn>5. Gjersvik P. Å skrive må læres. Tidsskr Nor Legeforen 2017; 137. doi:10.4045/tidsskr.17.0537 PubMed</jrn></p> <p><jrn>6. Frich JC, Andersen S, Bærheim A et al. En felles prøve for alle legestudenter i Norge. Tidsskr Nor Legeforen 2017; 137. doi:10.4045/tidsskr.17.0536 PubMed</jrn></p> <p><jrn>7. Colberg AB, Vatn D, Standal R et al. Hvordan kan strykprosenten ved eksamen stabiliseres? Tidsskr Nor Legeforen 2017; 137. doi:10.4045/tidsskr.17.0025 PubMed</jrn></p> <p><jrn>8. Salvesen KÅ. Fosterdiagnostikk med blodprøver. Tidsskr Nor Legeforen 2014; 134:388 - 9. doi:10.4045/tidsskr.13.1646 PubMed</jrn></p> <p>Comment [RD1]: Medline reports the vernacular (English) article title is Learning how to write.. (Ref. 5 "Gjersvik, 2017")</p> <p>Comment [RD2]: Medline reports the vernacular (English) article title is A common test for medical students in Norway.. (Ref. 6 "Frich, Andersen, Bærheim, et al, 2017")</p> <p>Comment [RD3]: Medline reports the vernacular (English) article title is How can the examination failure rate be stabilised?. (Ref. 7 "Colberg, Vatn, Standal, et al, 2017")</p>

PubMed Reference Validation

- ▶ Added support to handle MathML, which began appearing in PubMed XML records as of June 1, 2018
- ▶ The default behavior mimics the current PubMed handling without MathML — i.e., equations have the text '[Formula: see text]' inserted at the point of the MathML

<jrn>Borgognone, D., Rouphael, Y., Cardarelli, M., Lucini, L., and Colla, G. (2016). Changes in biomass, mineral composition, and quality of cardoon in response to NO₃:Cl⁻ ratio and nitrate deprivation from the nutrient solution. *Front Plant Sci* 7, 978
<https://doi.org/10.3389/fpls.2016.00978>. PubMed</jrn>

Comment [RD1]: eXtyle has not updated the article title because PubMed's is slightly different and Title Case. The PubMed article title is Changes in Biomass, Mineral Composition, and Quality of Cardoon in Response to [Formula: see text]:Cl(-) Ratio and Nitrate Deprivation from the Nutrient Solution.. (Ref. "Borgognone, Rouphael, Cardarelli, Lucini, Colla, 2016")

Author Processing

Added support for four-part Spanish/Latin names with two-part non-hyphenated surnames

- ▶ For example, Claudia C. Lopez Lastra or Luis Carlos Sanchez Franco
- ▶ When each of the four parts begins with a capital letter and either the third or fourth part ends with "s" or "z," we segment as two parts given-name and two parts surname
- ▶ A Word comment alerts the editor to recheck the name segmentation in this situation
- ▶ An improvement inspired in part by a previous XUG discussion!

Author Processing

Added support for four-part Spanish/Latin names with two-part non-hyphenated surnames

Article_Title	▪ Test of handling of four-word names¶¶
Authors	Claudia·C·Lopez·Lastra*, Luis·Carlos·Sanchez·Franco* and Alan·John·Percivale·Taylor¶¶
Author_Footnote	*These authors contributed equally to this paper.¶ —

<p>▪ Test of handling of four-word names¶¶</p> <p>Claudia·C·Lopez·Lastra*, Luis·Carlos·Sanchez·Franco* and Alan·John·Percivale·Taylor¶¶</p> <p>*These authors contributed equally to this paper.¶</p> <p>▪ This is a heading¶¶</p> <p>This is some text¶¶</p>	<p>Comment [RD1]: The author "Luis·Carlos·Sanchez·Franco" has two given-name parts and two surname parts. Please check the author name segmentation and manually apply character styles to fix the segmentation if necessary.¶</p> <p>Comment [RD2]: The author "Alan·John·Percivale·Taylor" has three or more given-name parts, and only one surname part. Please check the author name segmentation and manually apply character styles to fix the segmentation if necessary.¶</p>
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New XML Export Options

(contact us if you're interested!)

ORCID Merge

- ▶ Added CRediT support to ORCID merge feature **(we will demo this for you!)**
- ▶ This support reads JATS role elements from the transmittal and passes them through to the exported XML
- ▶ The implementation passes through attributes "as-is," i.e., it supports both JATS 1.1 (and earlier) role attributes and the new vocabulary attributes in JATS 1.2

Author Notes

- ▶ Automatically adds equal-contrib="yes" to any contrib element that has an xref pointing to an author footnote with content-type set to "equal"

```
20 <contrib-group>CRLE  
21 <contrib.contrib-type="author".equal-contrib="yes"><name><surname>Lopez·Lastra  
</surname><given-names>Claudia·C.</given-names></name><xref.ref-type="fn".rid=  
"afn1">*</xref></contrib><contrib.contrib-type="author".equal-contrib="yes"  
><name><surname>Sanchez·Franco</surname><given-names>Luis·Carlos  
</given-names></name><xref.ref-type="fn".rid="afn1">*</xref></contrib><contrib·  
contrib-type="author"><name><surname>Taylor</surname><given-names>Alan·John·  
Percivale</given-names></name></contrib>CRLE  
22 </contrib-group>CRLE
```

- ▶ Automatically adds deceased="yes" for deceased author footnotes

Collaborators

- ▶ Added support to include a list of collaborators in the collab element of an author group

Astrid-M-Newsom^{1,2*}, Ineke-G-Stolte^{1*}, Jan-TM-van-der-Meer², Janke-Schinkel³, Marc-van-der-Valk², Joost-W-Vanhommerig^{1,3}, Anne-Buvé⁴, Mark-Danta⁵, Arjan-Hogewoning⁶, Maria-Prins^{1,2}, on-behalf-of-the-MOSAIC-(MSM-Observational-Study-of-Acute-Infection-with-hepatitis-C)-study-group^{7¶}

MOSAIC collaborators¶

J.T.M.-van-der-Meer, R. Molenkamp, M. Mutschelknauss, H.E. Nobel, H.W. Reesink, J. Schinkel, M. van-der-Valk, J.W. Vanhommerig (Academic Medical Center, Amsterdam, the Netherlands); G.E.L. van-den-Berk, K. Brinkman, D. Kwa, N. van-der-Meché, A. Toonen, D. Vos (Onze-Lieve-Vrouwe-Gasthuis, Amsterdam, the Netherlands); M. van-Broekhuizen, F.N. Lauw, J.W. Mulder (MC Slotervaart, Amsterdam, the Netherlands);

```
34 <contrib-group content-type="investigator-list">ORID
35 <contrib contrib-type="investigator-group"><collab>MOSAIC collaborators</collab></contrib>
36 <contrib contrib-type="investigator"><name><surname>van der Meer</surname><given-names>
J.T.M.</given-names></name></contrib><contrib contrib-type="investigator"><name><surname>
Molenkamp</surname><given-names>R.</given-names></name></contrib><contrib contrib-type=
"investigator"><name><surname>Mutschelknauss</surname><given-names>M.
</given-names></name></contrib><contrib contrib-type="investigator"><name><surname>Nobel
</surname><given-names>H.E.</given-names></name></contrib><contrib contrib-type=
"investigator"><name><surname>Reesink</surname><given-names>H.W.
</given-names></name></contrib><contrib contrib-type="investigator"><name><surname>Schinkel
</surname><given-names>J.</given-names></name></contrib><contrib contrib-type=
"investigator"><name><surname>van der Valk</surname><given-names>M.
</given-names></name></contrib><contrib contrib-type="investigator"><name><surname>
Vanhommerig</surname><given-names>J.W.</given-names></name><aff>Academic Medical Center,
Amsterdam, the Netherlands</aff></contrib><contrib contrib-type="investigator"
```

Inline Index Markup

- ▶ Added support for Word inline index markup
- ▶ Exports to inline XML markup with the default markup aligned to JATS, BITS, and STS
- ▶ *Note:* eXtyles does not export the indexes at the back of the document; creation of the index is to be done by the rendering environment from the inline XML markup
- ▶ BITS and STS 1.0 support this today; JATS 1.2 adds support next year

Table of Authorities

- ▶ Added support for Word Table of Authorities fields
- ▶ Preserved by Cleanup when eXtyles is configured to retain them, and they can be exported to any XML model (in BITS, they are exported as <index-term> elements)

Hvad særligt angår den første af de fire betingelser i § 8, stk. 1, hvorefter en konkurrencebegrænsende aftale mv. skal bidrage til at styrke effektiviteten i produktionen eller distributionen — skal der i vurderingen heraf ikke blot tages hensyn til den driftsøkonomiske effektivitet (x: "Effektivitet: driftsøkonomisk". \i), men tillige til den samfundsøkonomiske (x: "Effektivitet: samfundsøkonomisk". \i) effektivitet, idet hovedvægten dog skal lægges på sidstnævnte. Aftaler, der tager sigte på at skabe miljømæssige forbedringer (x: "Miljø: forbedringer". \i) gennem udvikling af ny miljøteknologi eller miljøbevarende foranstaltninger, kan være eksempler på konkurrencebegrænsende aftaler, hvor samfundsøkonomiske effektivitetsbetragtninger kan begrunde, at betingelsen i § 8, stk. 1, nr. 1, anses for opfyldt. ¶

Afg. af 26.08.1998: Kølebranchens Miljøordning (TA: \i: "Kølebranchens Miljøordning, afg. af 26.08.1998". \s: "Kølebranchens Miljøordning, afg. af 26.08.1998". \c: 4 \i), hvor fritagelsen efter § 8, stk. 1, til den konkurrencebegrænsende aftale mellem importører og distributører af kølemidler, der havde til formål at sikre, at brugte kølemidler kunne bortskaffes miljømæssigt forsvarligt, i udpræget grad var båret af miljømæssige hensyn. ¶

```
<p>Hvad særligt angår den første af de fire betingelser i § 8, stk. 1, hvorefter en konkurrencebegrænsende  
aftale mv. skal bidrage til at styrke effektiviteten i produktionen eller distributionen — skal der i  
vurderingen heraf ikke blot tages hensyn til den driftsøkonomiske effektivitet<index-term><term>Effektivitet  
</term><index-term><term>driftsøkonomisk</term></index-term></index-term>, men tillige til den  
samfundsøkonomiske<index-term><term>Effektivitet</term><index-term><term>samfundsøkonomisk  
</term></index-term></index-term> effektivitet, idet hovedvægten dog skal lægges på sidstnævnte. Aftaler, der  
tager sigte på at skabe miljømæssige forbedringer<index-term><term>Miljø</term><index-term><term>forbedringer  
</term></index-term></index-term> gennem udvikling af ny miljøteknologi eller miljøbevarende  
foranstaltninger, kan være eksempler på konkurrencebegrænsende aftaler, hvor samfundsøkonomiske  
effektivitetsbetragtninger kan begrunde, at betingelsen i § 8, stk. 1, nr. 1, anses for opfyldt.</p><CRLF>  
<boxed-text orientation="portrait" position="float" content-type="verdict-summary"><CRLF>  
<p><content-type="verdict">Afg. af 26.08.1998 <italic toggle="yes">Kølebranchens Miljøordning  
</italic><index-term content-type="4" index-type="TA"><term>Kølebranchens Miljøordning, afg. af 26.08.1998  
</term><see>Kølebranchens Miljøordning, afg. af 26.08.1998</see></index-term>, hvor fritagelsen efter §  
8, stk. 1, til den konkurrencebegrænsende aftale mellem importører og distributører af kølemidler, der  
havde til formål at sikre, at brugte kølemidler kunne bortskaffes miljømæssigt forsvarligt, i udpræget  
grad var båret af miljømæssige hensyn.</p><CRLF>
```

Thank You!