Numbering for lawyers

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Hierarchical numbering

Hierarchical numbering is one of the widely used features of all word processor software. Often such numbering includes upper levels' numbers in lower levels, like 1.4.2. Writer has always had this functionality, too.

Many documents use "mixed" numbering styles, where higher levels use e.g. Roman numerals *I*, *II*, *III*, *IV*..., and lower levels use e.g. Arabic numerals 1, 2, ...

Usually, when including upper levels' numbers in lower levels, they are represented the same way as in the upper level numbering. E.g., *IV.2* for the second section in article IV – the first level's part is Roman.





"Legal style numbering"

Some word processors offer a special kind of numbering, where a given numbering level uses Arabic for all parts, including upper levels. E.g., it would show the number of the second section in article IV as 4.2, turning Roman IV into Arabic 4.

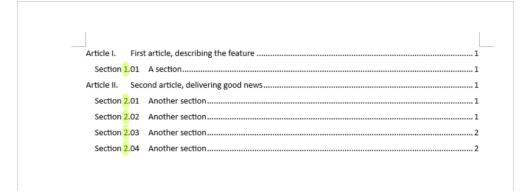
There are many existing documents using this scheme.

In the last year, Collabora Office got support for this feature, providing better compatibility with different document types, and better interoperability with other office suites.



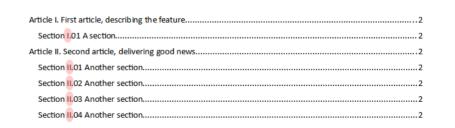


Situation before the change



Reference rendering

Old behaviour of Writer

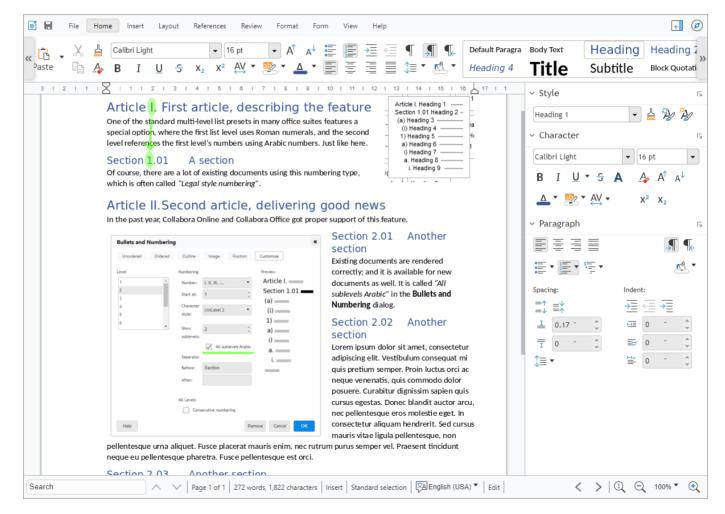






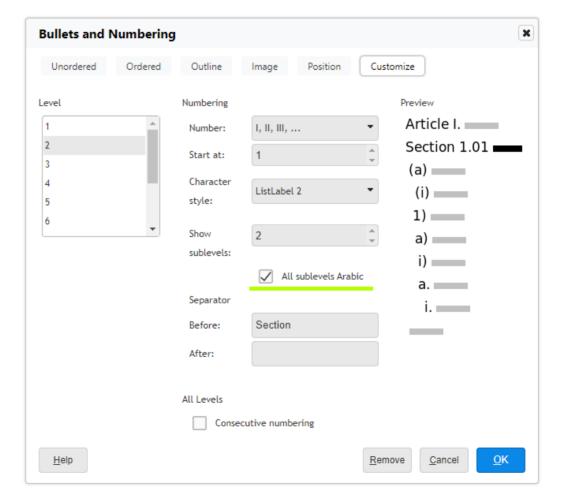


How it looks in Collabora Online now





How it looks in Collabora Online now







Easy to implement

Two core commits:

- fd64b426bc6175841143714ccc16bad181fd088f "tdf#150408:
 Implement "Legal" numbering (all levels using Arabic numbers)"
- b13a7112d89b402b41640a19f55ad9edb6433592 "tdf#150408:
 Implement UI for "Legal" numbering"
- Can be used as a reference by those implementing new core features



Thank you!

By Mike Kaganski















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