www.princexml.com

browsers, but blue in the PDF version. This is for demonstration purposes; normally the colors would be close to each other.

#9: Counters

If you are reading the HTML source code of this document, look for the `h2` elements. You will notice that they contain the text of the headings, but not their number. The list item number, including the "#" and ":" are automatically generated by the style sheet. Generated content and counters are especially useful for complex documents. They are described in CSS level 2.1.

#10: Crop and cross marks

In printing, crop marks are used to indicate where the printed paper should be cut. Cross marks are used to align prints of different colors to improve color reproduction. Prince 6 adds support for crop and cross marks, and the PDF version of this document includes both.

#11: Cross-references

Prince can read hyperlinks inside a document and generate page numbers accordingly. For example, it will automatically find out which page *Headers and Footers* are discussed on (page 2). Cross-references are used to generate the *Table of contents* (page 1).

#12: Math

Prince 6 add experimental support for MathML. Here is an example:

$$x \xrightarrow{\text{maps to}} y = f_n(x) = \left(1 + \frac{1}{x^n}\right)^n$$

#13: Footnotes

Footnotes[1] are essential in printed documents and Prince knows how to generate them. Unlike what some people think, footnotes are not the place to put information you don't want to see. More often, footnotes will actually attract attention. 9 of 10 of readers will read the footnotes before they read the text from where the footnotes are anchored.[2]

#14: Leaders

Leaders consist of dots or dashes in a row leading the eye across a page. For example, the *Table of contents* has leaders in it. The leaders are not found in the document itself, but rather in the style sheet.

#15: SVG

Scalable Vector Graphics (SVG) is a language for describing two-dimensional graphics for the web. SVG images scale better than traditional bitmapped images and are suitable for printing. The crown is generated by two SVG elements.

#16: Page floats

On paged media, elements can be set float to the top or bottom of pages. The big URL at the top of this page comes after this paragraph in the source code, but is floated to the top by the style sheet.

#17: Headers and footers

Printed documents often have page headers and footers. For example, page numbers are often printed at the bottom of the page, and the document title is shown at the top – except on title pages.

#18: PDF Bookmarks

Prince will automatically generate PDF bookmarks from heading elements in HTML. The feature is set with a property in the style sheet, and can also be used with other markup languages.

---

1. A footnote is a note placed at the bottom of a page of a book or manuscript that comments on or cites a reference for a designated part of the text.
2. Often, the most interesting information is found in the footnotes.