

# Xtreme Pro 3.2

## Release notes for Xara Xtreme Pro 3.2



### **These release notes cover:**

New features added to Xara Xtreme Pro 3.2 since version 3.0

Bitmap & Photo Handling Improvements

Zoom

Document Scrolling

Color Handling

Fill Handling

Vista Compatibility

Key Shortcut Changes

Copy / Paste to / from Microsoft Word

Right Drag Copy

Easy Rotate

New Import and Export Options

Text Tool

New Templates

Other Miscellaneous Changes

## Bitmap and Photo Handling Improvements

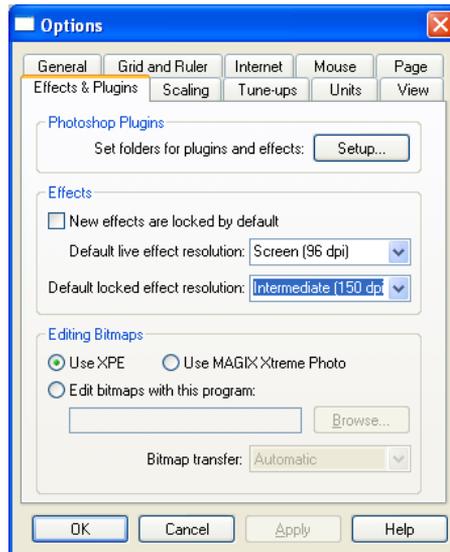
### External Photo Editors

Xara Xtreme now integrates with external photo editors. Xtreme still contains the Xara Picture Editor (XPE) as the default photo editor, but is now also bundled with an alternative MAGIX photo editor.

What's more there is now UI to allow you to select not just whether XPE or the MAGIX photo editor is used, but to call any external editor. Xara Xtreme monitors the photo file being edited, and detects when it's updated by the photo editor and then re-imports it back into Xtreme. So this should allow integration with many third party photo editing solutions. This is completely asynchronous. So you can continue to have your photo editor open and work on the drawing in Xtreme. Whenever the image file is updated from your photo editor (when you click save), Xtreme re-imports it and updates your drawing. So you can just continue working on your photo in your photo editor, and every time you click save - Xtreme automatically updates to show you the new picture in context.

You can now edit both photos and photos inside shapes (bitmap fills) just by double clicking on the photo or shape.

One of the consequences of editing photos in external editors is that the bitmaps are expanded from JPG format into raw (PNG) bitmaps so that the editing process is lossless. This means that editing photo images with external editors will enlarge .xar files, possibly quite considerably. This does not apply when using the XPE editor.



You can now choose the default photo editor

A new 'Editing Bitmaps' option has been added to the Options dialog, Effects & Plugins tab, where you can choose to use XPE or an external bitmap editor.

## Photo Drag and Drop

We've made significant improvements to drag 'n drop handling of photos. You can now drag a photo from either the galleries (bitmap, fill or clipart) or a photo file dragged from your File Explorer over any existing photo (be it a stand-alone photo object or a photo 'fill' inside a shape) and it will be replaced. This works for photos inside shapes and even inside groups. The photo is now resized to best fit the container. The best way to illustrate the benefit of this new feature is to just drag and drop alternative photos onto some of the new template designs. It is now trivially easy to replace photos with alternatives. The Fill tool is automatically selected after you drop a bitmap this way to make it easy to manipulate.

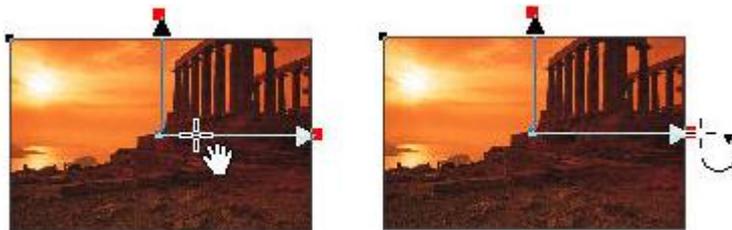
One consequence is that if you want to drag and drop import a photo, and don't want it to replace an existing photo, then you should now drop it on the background away from any existing photo, or hold Shift down when dropping it

Another change is that dropping photos onto normal shapes no longer works the same way. To fill normal shapes with the photo (or bitmap), you now have to hold the Shift key when you drop the bitmap.

## Photo Resize, Rotate and Push

When you drop a photo onto a shape to replace the existing one it is sized to just fill the visible shape. You can resize and rotate the image by dragging the ends of the fill arrow (the correct aspect-ratio now remains locked when you do this). You can push the picture around inside the shape by dragging on the center fill handle, anywhere on a fill arrow or by holding Shift and dragging anywhere on the photo

If you hold Shift while dragging the ends of the fill arrow it will stretch / skew the bitmap. Holding Ctrl will constrain the angles.



*Resize and rotate the fill by dragging the ends of the fill arrows  
Push the fill by dragging anywhere on the fill arrow*

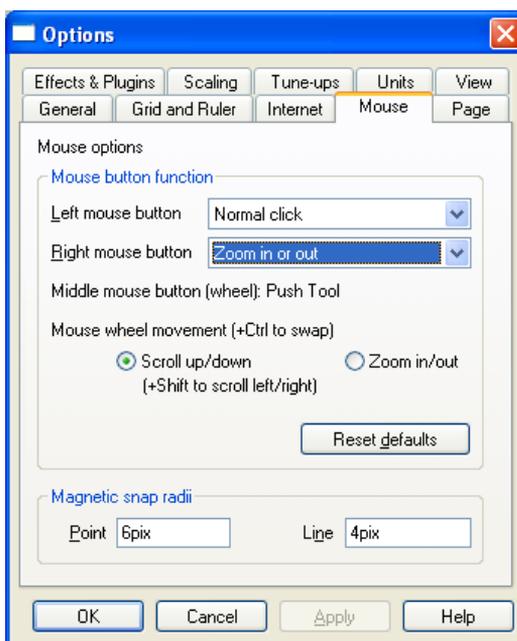
## Bitmap Fill Replacement

If you drag and drop fills from the fill gallery - these continue to operate under the old rules. (You can drag and drop a fill onto any shape to fill it, and it becomes a tiled fill, and uses different sizing rules).

## Zoom

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We've enhanced the scroll wheel zoom (hold down Ctrl) so it's much smoother, less flickery and faster. For those that prefer to have the scroll wheel zoom always, there's a new option (Options dialog, Mouse tab) to make the scroll wheel always zoom in and out, rather than document scroll (useful if you're working on photos a lot or single page documents).



You can set the mouse wheel to scroll the document or zoom

In combination with scroll wheel press (to pan documents) this provides a really efficient, keyboard-less way to zoom and pan around your documents.

## Document Scrolling

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We've also enhanced the document scrolling using the mouse wheel to make it accelerated. So scrolling through larger documents is now a lot quicker and more efficient.

## Color Handling

There have been significant changes to the way colors are handled. The old template based selection of primary colors has gone and been replaced by a 'Standard Palette' of 46 pre-defined colors. There are 5 shades of 7 standard hues and 10 shades of gray, black and white.



Standard Palette colors, like PANTONE Colors or other library colors are not editable (i.e. they are not Named Colors) and are designed as a simple, limited selection of colors to apply to objects (either by dragging onto the object or clicking).

The old 'web browser palette' has been switched off (no longer relevant or useful since 256 color screen modes are no longer used). It remains in the Color Gallery if you want to enable it again.

### Named Colors

In older versions of Xara Xtreme, a new Named Color was created and added to the color line whenever you created a new color. This typically resulted in dozens of Named Colors appearing in the line, even though most of them weren't actually used. This no longer happens. When you create any color (e.g. click one of the Standard Palette colors) it just applies that as a local color to the object. You can of course edit this color using the Color Editor as always (Ctrl+E). Only if you select the 'New Named Color' icon in the color editor is a new Named Color created.

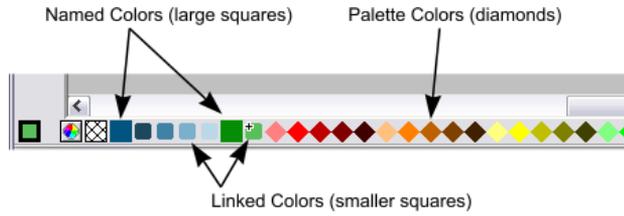
### Automatic Removal of Unused Colors

When you save and load files, all unused Named Colors are now removed from the color line. This results in a much, sometimes very much, simpler and cleaner color line.

If you want Xara Xtreme to work the old way un-check the 'Delete unused colors' option at the bottom of the View tab of the Options dialog.

### Linked Colors

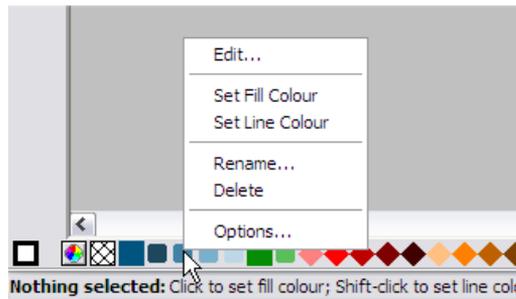
Linked colors (that is ones tied to a parent, such as a tint or shade) are now represented differently on the color line (smaller rounded rectangles), so it's much easier to distinguish which are normal independent Named Colors and which are linked to a parent.



## Right Click on Color Line

There is now a context menu that gives access to the most common color operations.

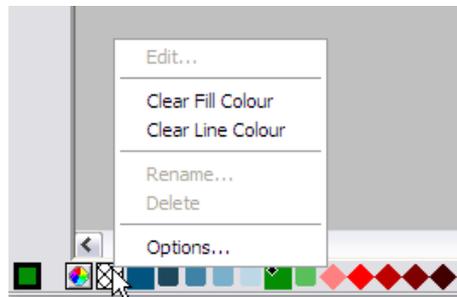
*You can restore the old right-click behaviour of setting the line color, using an option in the View tab of the Options dialog.*



*Context sensitive right click menu on the color line*

So the old right click to set line color has been removed. You can still Shift+Click to set a line color and this is now the recommended way to set line colors (or use right click and the menu option).

Right clicking on the 'no color' patch produces a slightly altered menu; with 'clear line color' and 'clear fill color'.



*Right click menu on the 'no color' patch*

## Re-ordering Colors

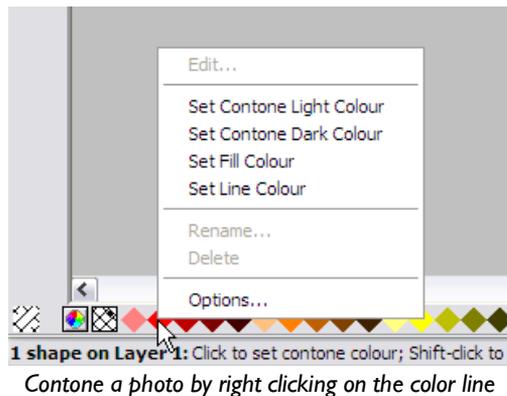
You can now just drag a Named Color on the color line to re-position it.

## Smart Line Coloring

It was always confusing to new users why they could draw a simple line, click a color, and nothing happened (because that sets the fill color not the line color). So we've made it smart and it can now detect whether the shape is open or closed. A left click will now set the line and fill color of an open path (i.e. of an unfilled shape). Shift+Click can continue to be used as before.

## Bitmap Contoning

If a bitmap or a bitmap filled shape is selected, then the right click context menu on the color line allows you set the contone colors as well as the line color.

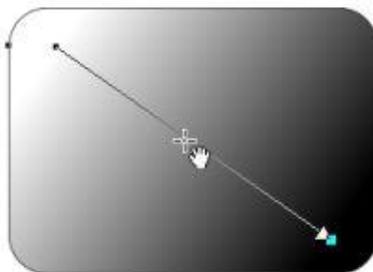


If a shape is filled with a bitmap (photo) then clicking on the color line will contone the shape filled with a bitmap (instead of converting it to a flat filled shape as it used to in older versions). So this is now consistent with the behavior of real bitmap objects.

## Fill Handling

### Adjusting fill positions

As you know the single click-and-drag method of creating graduated fill and transparencies remains a key benefit of Xara Xtreme. We've now added the ability to push the fill (retaining the relative positions of the end points) within the shape. You can either just drag anywhere on the fill arrow - the whole arrow moves, or hold Shift while dragging anywhere on the fill. So now with a single click-drag you can set the start, end and angle, and another click re-positions the fill as required.



*Move the fill by dragging on the fill arrow*

- When dragging on the ends of the fill arrows (or transparency fill arrows) it now preserves the aspect ratio of the fill. Hold Shift to squash or skew the fill.
- It's now easier to find fill handles. In other words we've increased the hit radius when dragging near the ends of the fill arrows, making it less fiddly to adjust the ends.

### **Automatic Select Inside**

In the fill tool we've made a significant change in that it now automatically selects shapes inside groups. This means it's significantly easier to view and edit the fill style of shapes. In the fill tool, just click on any shape, in a group or not, and it will select the shape and show the fill arrows (assuming it's not flat filled). Drags will now adjust the fill of that shape as usual.

Combined with the new push fill feature, this means it's now significantly easier to manipulate fills of shapes.

## ***Vista Compatibility***

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This release is now fully operational under Windows Vista e.g. it can be used from non-Admin accounts (on both Windows XP and Vista).

## ***Key Shortcut Changes***

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- Holding down space bar now does a temporary switch into the Push tool. Releasing it returns to the previous selected tool. Or, pressing it once will switch to the Push tool, pressing it again will return to the previous tool.
- Plain numeric 1, 2, 3, 4 set the zoom to be 100% to 400%. Number 5 key sets it to be 50% (The old shortcuts on these keys have been moved to Ctrl+Shift+1, 2 etc)
- Ctrl+W closes the current document, as is becoming an industry standard shortcut.

If you wish to restore the old use of the Space Bar as a shortcut to the Selector tool you can do so with the Shortcuts utility that's included with Xtreme Pro. Start the utility and select Tools on the left. Then select the 'Switch to Selector' (default shortcut of Alt+S) and choose 'Space' from the keystroke list.

Some other recent key shortcut changes include:

- Ctrl+Shift+R shows or hides the rulers
- V selects the Selector tool
- T selects the Text tool
- Z selects the Zoom tool
- G selects the Fill tool
- H selects the Hand (push) tool
- L selects the Ellipse tool
- M selects the Rectangle tool
- N selects the Freehand tool
- W selects the Blend tool
- Q applies ClipView to the selected objects
- Alt+Q removes a ClipView

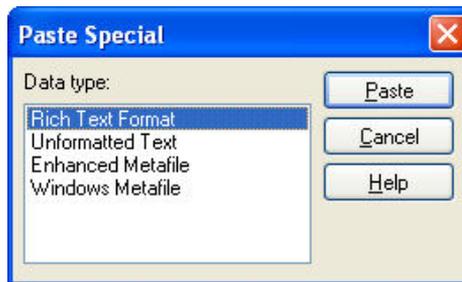
There are a large number of new key shortcuts in the Text tool—detailed below.

## ***Copy / Paste to / from Microsoft Word***

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You can now copy 'rich text' (as it's sometimes known) from other applications such as word processors or editors and paste into Xtreme, and the fonts, margins and line spacing will be preserved. This makes it dramatically easier to retain the style and appearance of your text.

When you paste 'Rich Text Format' from other applications you are given the choice of pasting the text in as 'Unformatted Text' which means it will appear in the font and style at the cursor where you paste, or Rich Text Format which means it will retain the style of the source text.



*Cut & paste from Microsoft Word*

This also works the other way around. You can copy text in Xtreme and paste into other applications that support rich text editing and the style (font, size, colors, margins etc) will be retained. This will only work if you select and copy a single text object or from a single text flow.

Some applications, such as Microsoft Word, have a 'Paste Special' menu option that provides a wider range of paste options. These applications will sometimes allow you to choose the format of the pasted object (text or graphic).

## ***Right Drag Copy***

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Copying objects on your page is a very common operation when creating graphics, and Xtreme now makes this easier than ever before. In the Selector tool if you right-drag (that is you hold the right mouse button, instead of holding the left mouse button while you drag) then the object will now be copied instead of moved.

What's more, while dragging (with the right mouse button held down), each time you click the left button (requires slightly unusual mouse handling) a copy of the dragged object is dropped at each click.

## ***Easy Rotate***

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To accompany the new easy ways of copying objects there's now an easier way to rotate objects without having to go into Rotate mode.

Whereas before, you had to click on an object with the Selector tool to toggle between resize mode and rotate mode, now if you're in resize mode (the normal mode) if you hold the mouse-pointer just inside the corner selection handles (see illustration) then the pointer changes to indicate that dragging will now rotate instead of resize.

You can still click on the Rotate icon on the Selector InfoBar.



Hover below the selection handle to reveal the rotate handle

So now you can resize and rotate all objects on the page without having to toggle between rotate and resize mode.

The old method remains (i.e. clicking again to go into Rotate mode) or click the icon on the Selector tool InfoBar.

## ***New Import and Export Options***

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The new export options appear in the drop-down list of export types on the Export dialog (click the 'Save as type' drop down as usual).

These file conversion options are provided by a system of plug-in filters, that can easily be updated independently of Xara Xtreme. It is expected that these import / export options will continue to be enhanced, and other new options will be provided in future.

### **RTF - Rich Text Format**

See above (copy/paste to/from Microsoft Word). You can now import and export text in RTF format so it includes style information such as font, font size, color, margins, special and foreign characters (Unicode supported).

### **EMF - Extended Metafile Format**

There is now support for EMF import, a vector graphic format supported by many modern Windows applications. WMF import has also been enhanced.

### **RAW Photo Import**

You can now import (either using the Import menu option or just drag n drop the file onto the Xtreme window) RAW digital camera files.

### **SVG Export**

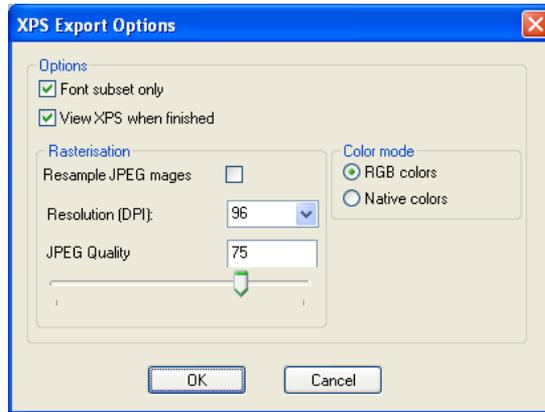
A new SVG export option is available. This is not complete, but can be used to export basic vector graphics into SVG format. This plug-in will continue to be enhanced.

### **XPS – XML Paper Specification**

This is an entirely new 'page description' file format invented by Microsoft. Designed for Vista this is also supported on older versions of Windows by way of a free XPS Viewer download from the Microsoft website (Google for XPS Viewer EP). The benefit of XPS format is that it's vector based, and so is ideal as a resolution-independent portable document format. Fonts are embedded into the document and so you are assured of a very high quality WYSIWYG document. If you're using Windows Vista you can view and print these document directly.

It should be noted that the Xara XPS export does not use the Microsoft standard XPS print system, but writes XPS files directly which ensures a far higher fidelity, and far smaller XPS files.

XPS supports advanced vector features such as transparency, CMYK colors and embedded fonts.



*XPS export dialog*

### **Font Subset**

Any fonts used in your document are automatically embedded into the XPS document to enable the viewer to correctly display all text. Selecting this option embeds fonts containing only those characters used in the document. This can significantly reduce the XPS file size.

### **View XPS when finished**

This will automatically open the XPS viewer and display the saved file.

### **Rasterization**

XPS is a vector format, but it doesn't support some of the advanced effects, fill and transparency types supported by Xara. Files containing, for example, objects with feathered edges will result in that object being rasterized, that is converted into an alpha-channel bitmap. The resolution of this rasterization process is controlled by these fields.

### **Resample JPEG images**

JPEG photo images contained in an Xtreme file are usually embedded as the full resolution original JPEG file (and is thus a lossless process). However for many applications this might be overkill. E.g. a typical modern digital camera can easily create a 4Mbyte JPEG file, 3000 pixels across or more. If this is placed on the page in Xara and scaled to be say 2 inches across, that photo would be at a resolution of more than 1500dpi – way more than is required for any printing application. (The resolution of bitmap objects is shown on the status line in Xtreme).

You can therefore choose to resample JPEG photos to a lower resolution more suited for viewing on screen (e.g. 96dpi) or printing (typically not more than 300 dpi), and thus reduce the size of the XPS file. The JPEG quality slider controls the

quality of the resampled JPG. The lower the quality the smaller the resultant XPS file. A quality of 75 is the recommended setting, which is actually a very high quality image.

### Color Mode

XPS files, like Xtreme documents, can contain a mix of both RGB and CMYK colors. However the XPS viewer shows CMYK colors as color corrected for the printer. Xtreme on the other hand shows all colors (CMYK and RGB) as screen colors or printer colors (depending on the Show Printer Color menu option). This slightly different approach to displaying colors can result in significant differences between RGB and CMYK versions of the same color. In Xtreme, for example, cyan is shown as the same color on screen whether it's been defined as CMYK or RGB. XPS displays the same color completely differently.

Selecting the *RGB colors* option will force all colors to be converted to RGB to provide consistency with the way Xtreme displays colors. Selecting *Native colors* will export objects using whichever color model you've used in Xtreme, but this will likely result in color changes where you've mixed RGB and CMYK colors in the same document.

## Text Tool

There have been a large number of improvements to the text tool:

### Smart Quotes

When you type a quote ' or double quote " characters Xtreme will automatically convert these into the more appropriate and aesthetically accurate opening or closing quotes. So this changes 'this' into ‘this’ and "quotes" into “quotes”. It's smart enough to understand the use of single quotes within words to signify missing characters, so that 'don't' becomes ‘don’t’.

### Guideline When Dragging Tabs and Margins

In the Text Tool when you drag the margins or tabs on the ruler, you now get a temporary vertical guide to make it easier to align the tabs or margins to objects elsewhere on the page.



Xtreme Pro doesn't wrap text around objects but you can use the right margin to simulate wrapping around an image.

If you wish to place an image alongside a text story you can bring in the right margin to make space for the image without starting a new story. Only the lines where you alter the right margin will be affected.



In addition when dragging tabs or margins, if you have magnetic snap switched on, these will snap to each other making it easier to position tabs and margins.

## Soft and Hard Hyphens

If you type Ctrl+- (minus key) it inserts a soft hyphen which is a hyphen that only appears if the word can wrap at the end of a line. This is particularly useful for narrow columns of text where, to avoid rivers of white, you might need to hyphenate some words. Inserting a normal dash character will split the word at the end of the line. Here's an example where there is too much space between words on the top line because the word 'hyphenate' doesn't quite fit.

You may want to hyphenate long words. Adding a soft hyphen (Ctrl + minus key) will wrap words at this point when at the end of the line but will not show any dash character when the word is elsewhere in the line.

You may want to hyphenate long words. Adding a soft hyphen (Ctrl + minus key) will wrap words at this point when at the end of the line but will not show any dash character when the word is elsewhere in the line.

If you type Ctrl + - after the word 'hyphen' then it breaks the word at that point and produces a more satisfactory word spacing.

It's called a 'soft' hyphen because when the word appears in the middle of a line the hyphen vanishes (unlike a normal dash or minus character), so it intelligently hyphenates the words only if it needs to.

When editing the text a soft hyphen is treated as an invisible character (it takes no space), but you can tell it's in the text by moving the cursor left/right over where the invisible character is.

A hard hyphen can be inserted by typing Ctrl+Shift+- (minus key). A hard hyphen is one that will not cause a wrap at all. This is useful in situations where you have dashes in words that you do not want split at the end of lines.

## Paragraph Spacing

Two new fields on the end of the Text tool Infobar allow you to set the spacing above and / or below paragraphs. This is particularly useful where you want half line spaces between paragraphs.



*Set the space above & below a paragraph*

Like Microsoft Word if you use both spacing above and below paragraphs, the spacing between paragraphs is whichever is the greater value (it's not cumulative). Paragraph spacing above paragraphs will move the 1st paragraph down in a frame of text.

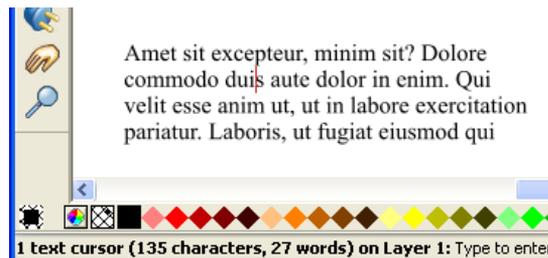
## Paragraph Select

A quad click - that is four rapid clicks in a row - is now a shortcut to select a paragraph. This is an extension of the existing standards:

- Single click - positions cursor
- Double click - selects word under cursor
- Triple-click - selects line
- Quad-click - selects paragraph

## Word Count: Text Tool Status Line

The status line now reports how many characters and words are within the selection, or, if there's no selection, how many are within the whole of the current text story. This updates continuously as you type.



*Word and character count on the status line*

## Optimized Text Placement

If you just click and type (i.e. create a simple text object), the position of the type is adjusted very slightly, by fractions of a pixel, to ensure that the baseline of the text exactly sits on a pixel boundary. This results in sharper, more readable text at small point sizes and 100% zoom view (depends on the font and point size). But for example the default 10pt Arial or Arial italic is now noticeably less blurred for simple text objects.

## Lorum Ipsum

When creating page layouts, it's common practice to use dummy text, which is a type of pseudo-Latin (it doesn't really mean anything), but has the overall appearance of typical English text (or other similar Latin-based languages). The text starts 'Lorem ipsum dolor sit amet...'. (In fact this same text has been used as dummy text going back more than 500 years in the print trade, and parts of the actual Latin used can be traced to text written more than 2000 years ago).

You can now insert a paragraph of the Lorum Ipsum text by typing Ctrl+Shift+L (L for Lorum) when in the text tool. To insert a larger block of text just press the key combination a few times.

## Swap Case

Pressing Ctrl+W will swap the case of the character after the cursor, and move the cursor on. So if you find you've accidentally typed a section of text with the Caps lock key on, just place the cursor at the start and press and hold Ctrl+W. This has now been enhanced so that you can swap the case of a selected region of text in the same way.

## Increase / Decrease Text Size

New shortcuts of Ctrl+Shift+> and Ctrl+Shift+< will increase or decrease the point size of the selected text or selected text story (only if the selection is all the same point size). This is compatible with Microsoft Word.

## Manual Kern Key Changes

The old kern shortcuts of Ctrl + and - have changed. (Ctrl+ - is now the soft hyphen).

The new kern shortcuts are Alt+ left and right arrow keys.

So to move two characters closer together press Alt+ < and to move them further apart press Alt + >. Each key press moves the character 50/1000 ems.

These shortcuts are compatible with Adobe Illustrator.

## Special Characters

A number of useful shortcuts have been added to allow insertion of special characters:

Hard space:		Ctrl+Space (words with hard spaces between will not wrap at the end of a line)
EN dash:	–	Ctrl+NumPad – (An EN dash is longer than a minus, and is a more correct 'dash')
EM dash:	—	Ctrl+Alt+NumPad - (An EM dash is a long dash)
Ellipsis:	...	Ctrl+Alt+. (That's with a full stop or period character. An Ellipsis is three dots ...)

Copyright:	©	Ctrl+Alt+C
Registered	®	Ctrl+Alt+R
Trademark	™	Ctrl+Alt+T
Bullet	•	Ctrl+Alt+B

All the above shortcuts (with the exception of the hard space) are compatible with Microsoft Word.

## ***New Templates***

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Click on the Clipart Gallery icon to access the resources in the Clipart Gallery



Click the 'Get Clipart' button to download some web-based clipart examples. There is a much wider range included on the CD.

A large collection of new top quality editable templates have been added, including more greetings cards, newsletters and calendars, plus new categories such as photo albums and collages, newspapers, documents, certificates and coupons. You can find them in the Clipart Gallery.



*Xtreme templates include cards, newsletters and photo albums*

## ***Other Miscellaneous Changes***

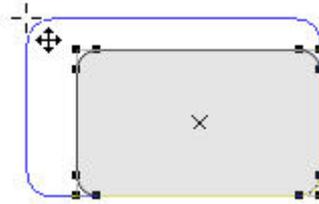
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### **Freehand Tool Change**

A small change is that the 'hit radius' around the end of lines has been increased, meaning it's much easier to append lines to the end of others, and easier to draw closed shapes (so they will be filled with color).

### **Editing Rounded Corner Rectangles**

Rounded corner rectangles can now be resized in the rectangle tool (including aspect ratio changes) while maintaining circular corners. Resizing in the Selector tool will still permanently transform the corners so they are not circular, as before.



*Retain rounded corners by resizing in the rectangle tool*

## MAGIX Photo Manager

If you have MAGIX Photo Manager and have any photo edits saved for your photos (e.g. if you've adjusted the brightness, contrast etc) then you can load the associated .jpx file and Xara will show the image with the correct processing.

The following changes were made after the original Xara Xtreme Product Manual went to print and so this section should be treated as an erratum to that manual.

## Coordinate Direction

You can now change the direction of page coordinates so that, for example, Y values increase as you go down the page. This is useful when you want the 0,0 point to be the top left corner and increase down the page like it does for HTML. These new options are on the Grid & Ruler tab of the Options dialog.

## Zoom

Most digital camera photos will be too large to fit on the page, so Xtreme now automatically zooms out when you import a photo, so the whole image is instantly visible. You can return to the previous zoom by clicking on the previous zoom button on the standard button bar.



*previous zoom*

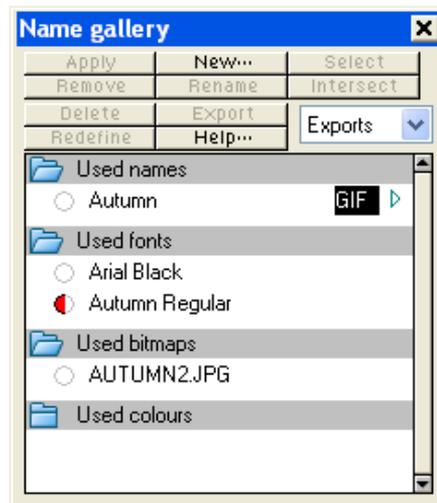
A new '100% zoom' operation has been added to zoom toolbar (visible when you are using the zoom tool).



*100% zoom on the zoom toolbar*

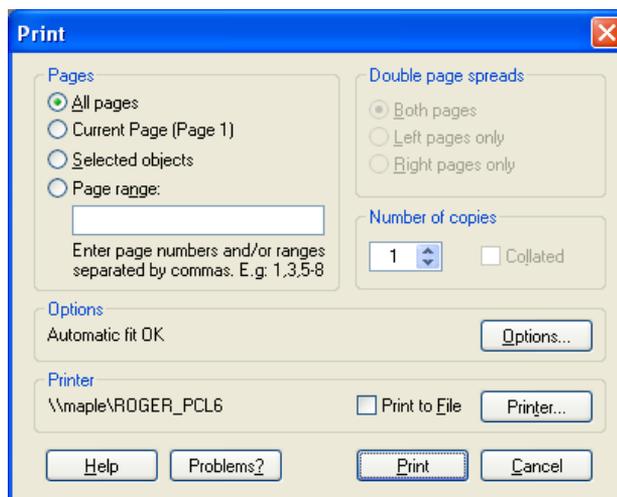
## Name Gallery Improvements

The Name Gallery now shows more detail on the fonts used in a document, using the full font name as shown in the font gallery. It also shows variations of a font as a separate selectable font name, as well as the font family (e.g. Arial Bold, Arial Italic, Arial Regular). It shows at a glance which fonts have had to be synthesized and which are not installed.



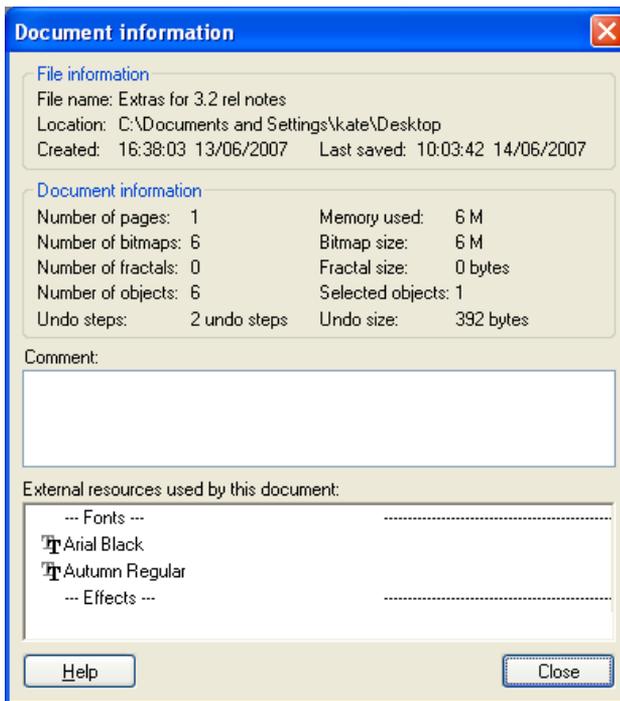
## Print Dialog Improvements

The Print dialog has been completely re-designed, the layout is now more intuitive.



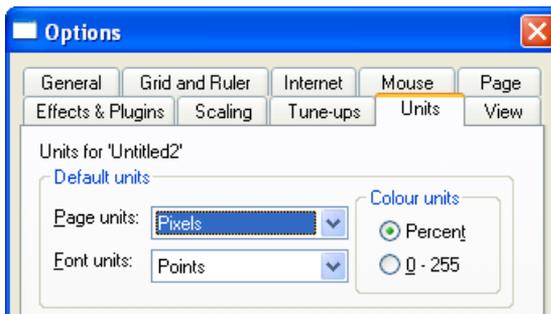
## Document Info Dialog Improvements

The Document Information dialog (File > Document Info) has been re-designed, the new layout is more intuitive.



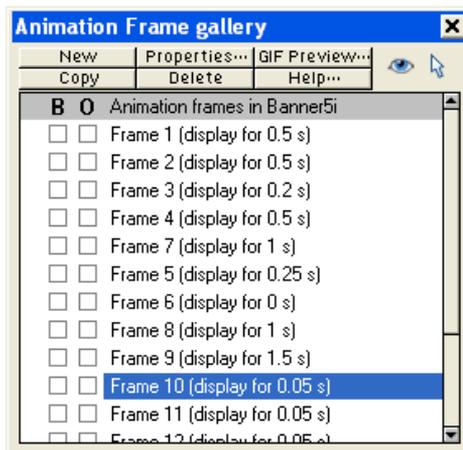
## Line Width

Line width is now shown by default in pixels if the page unit is set to pixels. You can change this in Utilities > Options > Units.



## Animation Frame Gallery

The Animation Frame Gallery order has been reversed, so it now shows the first frame at the top.



## Errata

For a list of errata in the Xara Xtreme Pro manuals please visit:

<http://www.xara.com/support/xtreme/manual>

If you find an error or omission we would appreciate it if you inform us via the above URL.

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1<sup>st</sup> edition Xara Xtreme Pro 3.2 release notes, printed July 2007.

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