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## DataBasics Information Bulletin October 2008

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\* ALERT: Apple 10.5.5 Print Problem with CS3 \*  
Canto Cumulus News: Generic Filters; Disaster Recovery  
HELIOS Quark and XPress 8  
HELIOS ImageTools and FlowView Pro Flow Charts  
Dynagram inpO2 v3 News  
Technical Hints and Tips - JPEG 2000

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### \* Apple 10.5.5 Update - Print problems from CS3 \*

Unexpected scaling and/or rotation when printing from Illustrator CS3 or InDesign CS3 (Mac OSX 10.5.5). Adobe is working on a fix for this - see <http://kb.adobe.com/selfservice/viewContent.do?externalId=kb406381&sliceId=2>

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### Canto Cumulus News

**Power Tip - Cumulus Filter Feature:** one of the nice features of Cumulus is the ability to customise the icons Cumulus uses to represent your files.

Cumulus can automatically generate thumbnails for many file formats. So, even if a file you catalog doesn't have an embedded thumbnail, you might still see one inside Cumulus. This is a great feature, but it isn't possible for all file formats.

When a file doesn't provide its own thumbnail (and Cumulus cannot generate one), Cumulus uses the icon the operating system uses to represent the file type. But if the file format is one for which your computer doesn't have a special icon, a generic icon is used instead. Or you may have different icons for different applications though the filetype is the same eg the HTML icons for FireFox and Explorer, leading to catalog inconsistencies.

The solution to all these issues is to tell Cumulus about these file formats in advance, so when a file comes in, Cumulus will use the image you supply for the asset's thumbnail.

Setting this up is an easy two-step process:

- \* Prepare the images you want used, and
- \* Configure a Cumulus asset handling set to use them.

For full details on how to do this see their Newsletter at <http://www.canto.com/resources/newsletter/2008.09/PowerTips.php>

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**Cumulus Disaster Avoidance and Recovery** is a recent document from Canto that offers an in-depth explanation of the various options available to Cumulus administrators for the protection of their Cumulus systems and metadata.

Learn what you need to know in order to ensure you're protected against the unthinkable. Topics covered include the Cumulus Backup Manager, Journaling, Mirroring and even what steps you need to take to quickly rebuild your Cumulus Server on another machine in an emergency!

Full details in the PDF at:

<http://www.canto.com/docs/exploring/Exploring-DisasterAvoidanceAndRecovery.pdf>

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## HELIOS, Quark and XPress 8

Adobe has pushed InDesign via its Creative Suite bundle into many sites. However, Quark now adds superior capabilities with XPress 8, including complete Unicode and Asian text support.

HELIOS continues to support both InDesign and XPress on Mac and Windows. The HELIOS ImageServer XPress 8 document preview and OPI TuneUp XTensions, as well the 'Future of DTP' Drag & Drop XTensions with WebShare, are scheduled for release later this year. Customers with software upgrade service agreements will automatically receive support for these new DTP applications.

Meet HELIOS at **GRAPH EXPO or IFRA Expo** Oct 26-29, 2008, Graph Expo (Booth 5222), Chicago, IL Oct 27-30, 2008, IFRA (Stand 8380), Amsterdam.  
Visit <http://graphexpo.gasc.org/> and <http://www.ifraexpo.com/>

Learn about HELIOS and: - Future of DTP - HD Color - Image Processing - Proofing - WebShare Connectivity - PDF Production - Workflow Automation - Enterprise Fileserver - Printing.

More online at [http://www.databasics.com.au/helios/future\\_dtp.html](http://www.databasics.com.au/helios/future_dtp.html)

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## UGSoft HELIOS ImageTools

The new HeliosImageTools Package includes functions for image manipulation. It allows you to configure the HELIOS built-in layout command to rotate, crop, flip, change image resolution and convert between all image formats supported by HELIOS. Options can be specified through dialog windows or with parameters in the hotfolder name. All scripts can be started by HELIOS hotfolder file events, or at specific dates and times, or manually by the user.

The previously released FileTransferTools Package for up- and download to and from ftp- and http-servers now allows you to specify wildcards for ftp-download as well as scanning files for viruses using the free ClamAV virus engine.

All script packages available from UGSoft are compatible with FlowView Pro and offer comfortable configuration using the FlowView Pro dialog windows. Thus users no longer need to take care of meanings and valid values of HELIOS environment variables which reduces errors to a minimum.

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## FlowView Pro for greater HELIOS Publishing productivity

With the largest script collection for HELIOS publishing servers worldwide, FlowView Pro offers everything professional users need for daily business.

More than 100 scripts for PDF manipulation, image and file conversion, color management, file transfer, data safety and file system can be combined to automated workflows which are made visible in FlowView Pro as flow charts.

All scripts can be configured via dialog windows - users do not need to take care of assigning valid parameters to environment variables manually as was required previously. Complex tasks such as planing and configuring entire PDF workflows can be carried out fast, comfortable and error-free - even without knowledge of the HELIOS server.

All files passed to a FlowView Pro workflow are visible by the user within the flow chart at any time until the process is finished. Each script receives its files in the incoming folder (hotfolder) and after processing is done, passes them to following scripts via one or more output folders. At any place in the workflow - e.g. if user interaction such as quality proofing is required - emails can be sent to inform specific users automatically. Files to inspect can be opened by the user with corresponding applications directly from FlowView Pro without having to locate them in the file system structure.

Print queues can be integrated into workflows as well as the FlowView Pro Time Scripts. The latter can be started at configurable dates and times or manually by the user.

Workflows can be exported and duplicated in order to import and adjust the duplicates for different tasks on the same or other HELIOS servers. This is ideal e.g. for consultants who pre-configure workflows for their customers - everything once created with FlowView Pro can be re-used multiple times everywhere.

FlowView Pro's open concept allows to migrate any script already available for HELIOS servers from other vendors so that they can use and benefit from a common, easy-to-use user interface which integrates tightly into FlowView Pro. At the same time complete HELIOS compatibility is assured.

Visit their websites at <http://www.flow-view.com> and <http://www.ugsoft.de>  
Local info and pricelists at <http://www.databasics.com.au/helios/ugsoft.html> and  
<http://www.databasics.com.au/helios/macademy.html>

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## DYNAGRAM and inpO2 v3.0

inpO2 version 3.0 is now available. The new version introduces two new modules for imposition planning and ganging optimisation, in addition to many other features such as:

### New Compatibility

inpO2 v.3 is now compatible with Acrobat 8 and Acrobat 9. It runs natively on both Intel and PowerPC-based Mac computers (Universal Binary). It has been successfully tested on the newest Mac OS X.5 Leopard (Adobe Acrobat 8.1.2+ is needed for full Leopard compatibility).

### New Optimisation Module for Flatwork

inpO2 v.3 includes a set of new functionalities for job ganging and sheet usage optimisation. The automatic layout calculation is based on product formats and quantities, and it supports flat and folded works in same press run. It is now included in the standard edition of inpO2, or sold on top of inpO2. *...continued over page*

## New Planning Module for Bound Jobs

The optional Planning Module is also hosted by the Layout Manager dialogue and thus benefits from the same features as the Optimisation Module, while offering additional functionalities for bound jobs.

There are have been a number of Wizard enhancements such as

- \* ability to override detected page format (pdf document TrimBox)
- \* ability to select smaller page groups using folding presets
- \* new validations to prevent mark / page overlap
- \* and much more.

## Layout Checkpoints

This unique feature acts as a preflight tool for the layout creation. Any anomaly that is detected on the layout will immediately display an error or a warning. Green lights reassure the operator that the layout can be safely output.

Local info and pricelist at <http://www.databasics.com.au/dynagram/>

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## Technical Hints and Tips - JPEG 2000

JPEG 2000 (JP2) support is growing due to the interesting features of this image format - like the far better compression rate than JPEG, and the optional "lossless" compression. JPEG 2000 is available for Greyscale, RGB, CMYK, and Lab images including 16-bit color depth. Even additional spot colors, alpha, mask, and transparency channels are supported. It is good for archiving because of its embedded ICC Profile, metadata (XML), and paths (clipping path) support.

The current HELIOS ImageServer UB+ release contains full JPEG 2000 support. HELIOS PDF HandShake adds the "PDF as image" file format where the image bitmap can be JPEG 2000 compressed, as permitted by the PDF standard.

JPEG 2000 is also supported by Photoshop CS2/3, however it is not available by default after installation. The secret is to copy the optional 'JPEG2000.plugin' from the Adobe installer DVD to the Photoshop Plug-Ins folder, then away you go.

Within Acrobat Distiller select the PDF settings, specify "Acrobat 6 (PDF.1.5)" or higher, change the Color and Greyscale images compression to "JPEG2000" and specify the quality. Done. It's now ready to generate highly compressed PDFs using JPEG 2000.

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## About DataBasics

DataBasics is a major distributor of leading IT products in Australia, New Zealand and South East Asia specialising in creative business solutions for prepress, networking, internet and productivity.

For further editor information please contact DataBasics Pty Limited phone 1300 886 238 (+617 4038 3205) , email [info@databasics.com.au](mailto:info@databasics.com.au) or visit our website: <http://www.databasics.com.au>