



Ultimedia Manager

More information

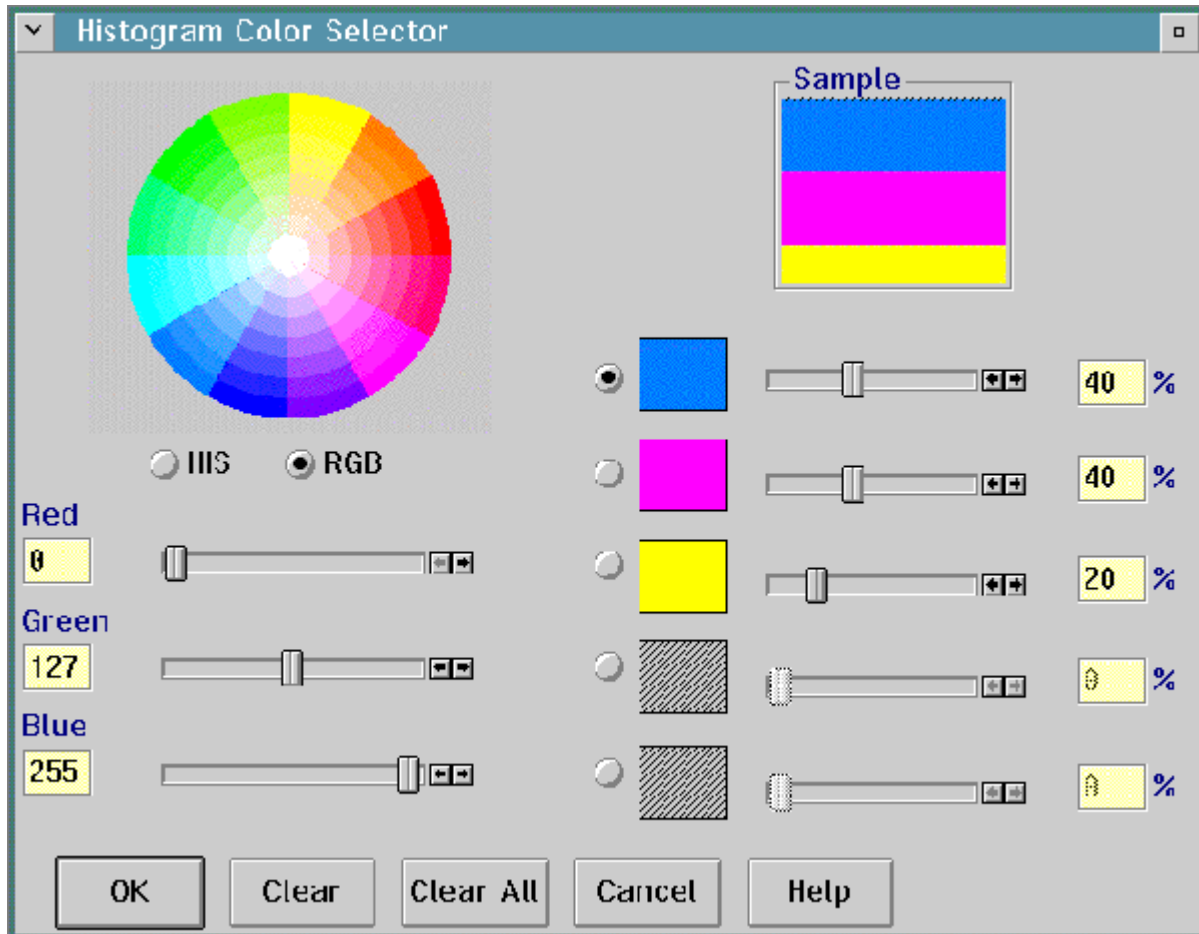
*Find images by color, shape, texture,
and related business data*

An award winning tool for OS/2, **Ultimedia Manager** helps you find images based on what you see in them and what data you store with them. Now, the **Client Search** feature extends Ultimedia Manager power to Windows.

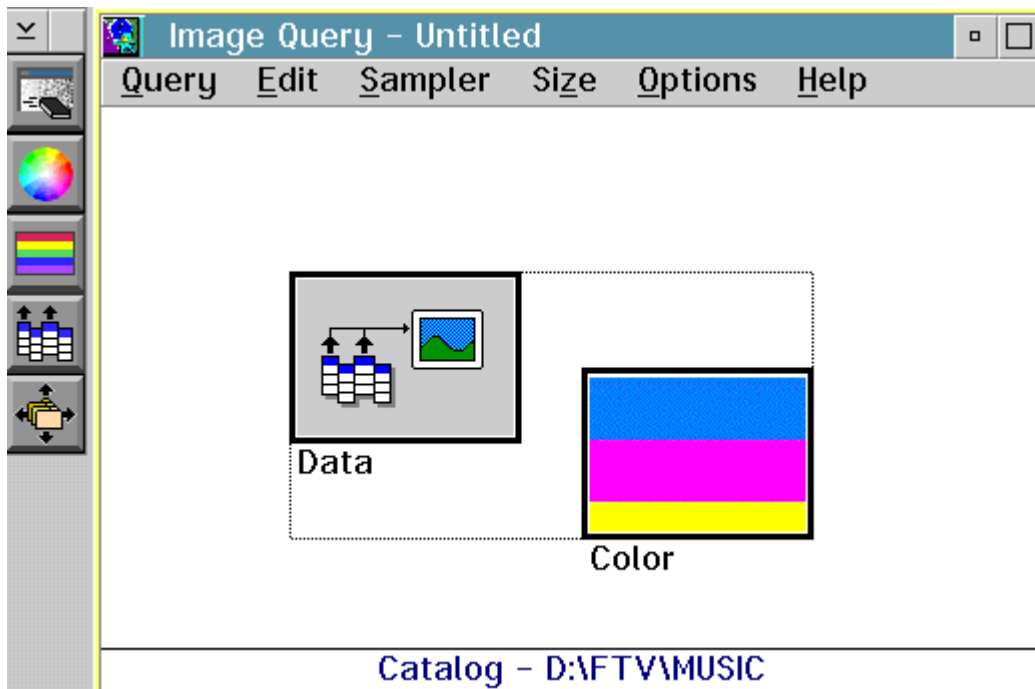
Add image columns to your databases and watch Ultimedia Manager go! Find the images and related business data you want simply by filling in the blanks in a dialog with Ultimedia Manager.

Result Column name	Search condition	Value	Additional Values...
<input type="checkbox"/> COVERS			...
<input type="checkbox"/> VIDEO			...
<input type="checkbox"/> MUSIC			...
<input type="checkbox"/> SONG_LIST			...
<input checked="" type="checkbox"/> ARTIST			...
<input checked="" type="checkbox"/> TITLE			...
<input type="checkbox"/> STOCK#			...
<input checked="" type="checkbox"/> RELEASED	>=	01 01 1!!!1	...

For example, specify a name or a range of dates--you don't need to know database language. Ultimedia Manager finds the images and displays them as a series of miniature images, or thumbnails, together with related data from your database.



Or build an image query visually. Choose visual samples of the color, shape, and texture that you're interested in. You see your results as a series of thumbnails, with the thumbnails most similar to your samples at the top.



Or get the best of both -- combine a data selection with visual samples of color, shape, and texture.



ICON	ARFA	ARTIST	TITLE	RELEASED
		J Fusion	Entropian	02/27/1994
		Nitecry	Run For Cover	08/15/1992
		Fuzzy Blues	Aurora	04/14/1994

Ultimedia Manager finds and displays thumbnails according to how well each one matches the features of your samples. Working with results is easy and fast. Double-click on any thumbnail to view it at full size, drag and drop it to another application, or use it as the starting point for another query. You can browse through your results quickly -- even through thousands of images. Sorting your results by their visual features streamlines browsing since you're likely to see what you want at the top of the result set. You can also refine image queries easily. Change the search values in a related data selection, use a thumbnail in a query result as input to another query, change the relative weight of visual features, make an image query position-sensitive, or add more samples to a query.

Ultimedia Manager is ideally suited for finding images that you can't find easily in a traditional way. If your business is photography, advertising, retail cataloging, clip art publishing, or any business where finding images easily is important, then Ultimedia Manager is for you.

Preparing your data

To take advantage of data selection with Ultimedia Manager, you need a DB2 for OS/2 or DB2 for AIX table that includes a column of image filenames, as well as one or more columns of related data.

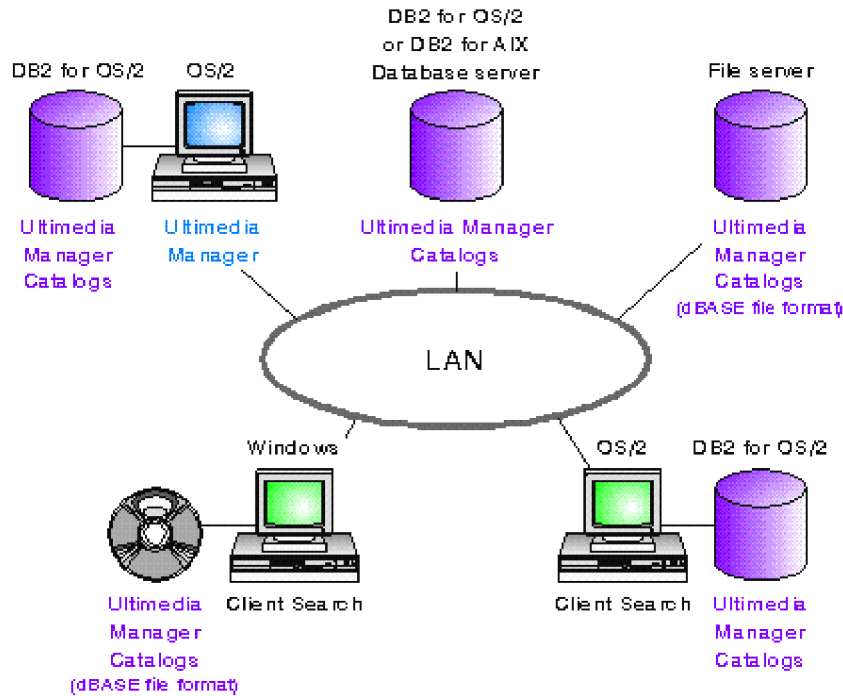
To search for data visually, you need a catalog of images classified by their visual features such as color, shape, and texture. Ultimedia Manager includes an Image Classifier that you can use to catalog and easily classify a batch of images. You can also catalog and classify selected areas within an image. Sample catalogs and images are provided with the product to help get you started.

Flexible configuration

Ultimedia Manager runs as an OS/2 client application to a DB2 for OS/2 or DB2 for AIX database server in a LAN, or as an OS/2 standalone application with a local DB2 for OS/2 database. Ultimedia Manager catalogs in a database can also be converted to Borland dBASE file format and placed on a CD-ROM, a local fixed disk, or a file server in a LAN for user access.

Client Search

With **Client Search**, a feature of Ultimedia Manager, you can run image queries from Microsoft Windows as well as OS/2 clients. Use Client Search's Image Query program to query any catalog of images that was created by Ultimedia Manager. Multiple Client Search clients in a LAN can access Ultimedia Manager catalogs on a server. Additionally, Client Search users can access Ultimedia Manager catalogs converted to files in dBASE format on a CD-ROM, a local hard drive, or a file server in a LAN.



Various Ultimedia Manager and Client Search configurations are possible.

Multiple image formats supported

- ✧ OS/2 2.0 bitmap
 - ✧ Windows 3.x bitmap
 - ✧ PCX
 - ✧ Intel and Motorola TIFF
 - ✧ TARGA TGA
 - ✧ Audio Visual Connection (AVC) images
 - ✧ TIFF (FAX)
 - ✧ GIF
 - ✧ Kodak Photo-CD
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Ultimedia Manager requirements

- ✧ 486 33MHz IBM PS/2 or compatible
 - ✧ Math coprocessor
 - ✧ OS/2 2.1 (or later) and MMPM/2
 - ✧ DB2 for OS/2 Version 1.0 (or later) standalone or client/server, or DB2 for AIX Version 1.0 (or later) client/server
 - ✧ 8MB memory, minimum
 - ✧ 6MB of fixed disk for programs
 - ✧ Display adapter (SVGA, XGA, XGA-2)
 - ✧ CD-ROM drive
 - ✧ Optionally, 50MB of fixed disk storage for sample catalogs and sample images (however, you may access the sample images from the product CD-ROM)
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Client Search requirements

Client Search has similar system requirements as Ultimedia Manager. Client Search can also run under DOS 5.0 (or later) with Windows 3.1 (or later), and also can access catalogs in dBASE file format. A database manager is not required to access catalogs in dBASE file format. Client Search can run directly from its CD-ROM; if run this way, no fixed disk storage is needed for programs. In addition, you can access sample catalogs and sample images from CD-ROM.

For more information about Ultimedia Manager and Client Search, call 1-800-IBM-3333 ext. GS240 in the U.S.A. or contact your IBM representative.

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