CorelDRAW 6 for Windows '95: White Paper

Corporate Profile: Corel Corporation

Corel Corporation designs, develops, manufactures, markets and supports software for the personal computer industry. Corporate headquarters are in Ottawa, Canada. Corel Corporation, founded in 1985, is the largest software developer in Canada and ranks in the top 10 worldwide. The company is a world leader in the graphics market, dominating with 91% of the illustration market in the US (Windows-based applications.)

Corel Corporation is recognized internationally as an award-winning developer and marketer of PC graphics and SCSI software. CorelDRAW, Corel's industry-leading graphics software, is available in 17 languages and has to date won over 200 international awards from major trade publications.

Corel ships its products through a network of more than 140 distributors in 60 countries worldwide. Corel Corporation is a pioneer in CD-ROM technology and a premier supplier of software on CD-ROM.

CorelDRAW History

Corel introduced the first version of CorelDRAW in January of 1989. This first release quickly established a niche in the illustration market and had secured a leading position by 1991. Corel then began an innovative marketing strategy for its popular graphics program. Under the guidance of Dr. Michael Cowpland, the development cycle was shortened to twelve months in order to establish an edge over other industry competitors whose development cycles traditionally ranged between eighteen and twenty-four months.

As successive versions of CorelDRAW appeared and the product began to evolve into a comprehensive graphics suite, Corel decided to market several versions at various pricepoints in order to appeal to a wider range of consumers. This strategy proved highly successful and helped increase Corel's market share. Corel also enhanced this approach by localizing the product in several different countries. Today, there are 17 different language versions of CorelDRAW available worldwide. In 1995-96, Corel will market four separate versions of its CorelDRAW graphics software suite.

Prices quoted below are for the CD-ROM versions of the product only.

CorelDRAW 3 for Windows 3.x $99 US

CorelDRAW 4 for Windows 3.x $199 US

CorelDRAW 5 for Windows 3.x $695 US

CorelDRAW 6 for Windows '95 $695 US

Users will be able to upgrade to CorelDRAW 6 from all other existing 16-bit versions. CorelDRAW 5 users may upgrade to CorelDRAW 6 for $249 US, while CorelDRAW 3 and 4 users may upgrade for $425 US.

A working model of CorelDRAW 6 and corporate license pricing is also available. Please contact Corel Customer Service at 1-800-772-6735 (US) or 1-800-394-3729 (Canada) for further information.

Corel will also release a standalone version of the Corel PHOTO-PAINT module that is included in the CorelDRAW 6 box. This standalone application will be available in Q4 1995.

Where's VENTURA?

Corel VENTURA has evolved into a powerful and full-featured standalone desktop publishing application. Consequently, Corel has decided not to include the VENTURA module in the CorelDRAW 6 box. Corel VENTURA 6 will only be offered as a separate standalone application. It will be designed to meet all user's publishing needs and should be available by November of 1995. It will include full SGML capabilities.

CorelDRAW 6 and Windows 95

Windows 95 is a powerful new 32-bit operating system from Microsoft that builds upon the features and capabilities of Windows 3.1 and Windows for Workgroups. CorelDRAW 6 will carry the Windows 95 logo as a signal to customers that the product is compatible with and has been designed to deliver all the benefits and functionality of Windows 95.

The CorelDRAW 6 development team had to meet the following criteria in order for CorelDRAW 6 to be deemed a true Windows 95 application and merit using the Windows 95 logo.

32-bit windows-based application with improved multi-tasking and robustness

Feature enhanced user interface for Windows 95

Include support for long filenames, automated installation and uninstall capabilities

 Include support for OLE component software technology to help increase efficiency across applications through features such as OLE drag and drop

Include support for NT

Corel's implementation of CorelDRAW 6 has maximized the benefits of this new 32-bit environment by taking the Windows 95 basic requirements and expanding their functionality within the five modules included in the box.

The development team took Microsoft's paradigms and adapted them to fit the needs of CorelDRAW 6. Their aim was to provide ultimate configurability for users in a 32-bit environment. CorelDRAW 6 users gain increased speed, new product functionality and higher accuracy, as well as increased productivity. The user interface for all five modules has a consistent, streamlined, three-dimensional look that is completely customizable andthe preemptive multi-tasking architecture lets multiple applications and functions run more smoothly.

With the release of CorelDRAW 6, Corel Corporation continues to set new standards as the most exciting, value-packed graphics and publishing software available in the world!

Development Goals for CorelDRAW 6

Port to Windows 32-bit environment

Create a consistent and streamlined user interface across all CorelDRAW applications

Faster Output, Redraw, Open and Save

More precision and accuracy

Add powerful new drawing and photo retouching tools, new tools, new brushes, AVI editing

Add 3D modeling, rendering and animation

Add an industry-leading presentation application

Higher productivity through ease-of-use, Wizards and Tutor Notes

CorelDRAW 6 for Windows 95

Five full-featured applications

CorelDRAW— a comprehensive vector-based drawing application

Corel PHOTO-PAINT — a powerful paint and photo retouching application

Corel PRESENTS — a business and multimedia presentation application

CorelDREAM 3D — a 3D modeling and rendering application

Corel MOTION 3D — an animation application used to create broadcast-quality flying logos and movies

Nine utilities

CorelDEPTH — a 3D logo creation application

Corel Multimedia Manager — a utility used to manage and manipulate files visually in an album metaphor

Corel OCR-TRACE — an optical character recognition and raster to vector conversion application

Corel CAPTURE — a utility to capture all or custom areas of a screen

Corel FONT MASTER — a complete font management program

Corel PRESENTS Runtime Player — a utility for distributing presentations created with Corel PRESENTS

Corel SCRIPT — an OLE 2.0 scripting language used to create add-on utilities for CorelDRAW 6

Corel SCRIPT Dialog Editor — a utility used to create dialogs to be used in conjunction with CorelSCRIPT

CorelMEMO — an OLE 2 compliant utility that may be used to create notes to accompany drawings or documents.

Added Value

25,000+ clipart images and symbols

1000+ TrueType and Type 1 fonts

1000+ photos

750+ 3D models

50 CorelDRAW templates

300+ full-colored bitmap textures

125+ natural media brushes for Corel PHOTO-PAINT

260+ video clips

1500+ actors, props and sounds

100+ floating objects

80+ chart types

200+ chart samples

300+ presentation backgrounds

50 presentation templates

System Requirements

486 (486 DX2 66 Mhz or higher recommended)

8 Mb RAM (16 Mb recommended)

CD-ROM player (double speed recommended)

Mouse or tablet

VGA display (800 x 600 pixels, 256 colors or higher recommended)

Windows 95

CorelDRAW 6

CorelDRAW 6 is a vector-based illustration and page layout application with extensive text handling and precision-drawing features. Powerful illustration tools and easy-to-use special effects make CorelDRAW 6 the ideal program for creating virtually any design project—from logos and product packaging to technical illustrations and advertisements. The drawing precision to 0.1 of a micron and the new maximum page size of 150 by 150 feet (45 x 45 meters), make CorelDRAW 6 the perfect technical design application, while the easy-to-apply special effects and new tools, help decrease the learning curve and increase the level of enjoyment for beginners.

Corel PHOTO-PAINT 6

Corel PHOTO-PAINT 6 is a powerful paint and photo-retouching application that features numerous image enhancing filters for improving the quality of scanned images, plus special effects filters that dramatically alter the appearance of images. Users may work with natural media brushes to create artistic effects that mirror the process of painting on textured paper, or they may use numerous third party filters such as Zig-Zap and Watercolor to transform the look of their image. Users may also open AVI files, edit them frame by frame and then save them back to the AVI format as a movie.

CorelDREAM 3D

CorelDREAM 3D is based on the popular Ray Dream Designer application with an updated Windows 95 interface. It allows users to easily create 3D illustrations with the predefined 3D models and 300+ surface textures. The application's sophisticated ray tracing technology lets users render 3D models and photo-realistic images quickly and easily.

Corel PRESENTS

Corel PRESENTS is a powerful new presentation package that includes charting, professionally designed templates and backgrounds, and the ability to insert animation files in a presentation. Corel PRESENTS features more than 1500 animated actors, props and sounds. Users may manipulate any of the 1000+ photos or 25,000+ clipart images included in CorelDRAW 6 as a part of a presentation. Built-in Wizards are accessible to guide users step-by-step through the process of creating and managing presentations.

Corel MOTION 3D

Corel MOTION 3D is an application that is used to animate 3D objects and text. Users may create flying logos and movies by transforming an illustration from CorelDRAW into dramatic moving images. Movies are created by adding backdrops, camera motions, animated props and lights. Special effects such as 3D object morphing and fog may also be added to any movie.

CorelDEPTH

CorelDEPTH is a utility that facilitates the creation of 3D logos and text. Wizards are readily available to walk users step-by-step through the process of choosing the depth, rotation, angle, color and lighting effects for their design. Users may select any of the 1000+ TrueType or Adobe Type 1 fonts that are included with CorelDRAW 6 or they may import artwork from the most popular Windows drawing programs. With CorelDEPTH, 3D effects may be rendered in seconds. Once finished, users may import their work into CorelDRAW or other applications such as Corel PRESENTS.

Corel MULTIMEDIA MANAGER

Corel MULTIMEDIA MANAGER is a utility that supports OLE 2.0 and helps manage all the data in your computer. Data that is organized into albums may be found, sorted, viewed and edited in the Corel MULTIMEDIA MANAGER album view. To create a customized album, users simply drag and drop files from the drive window to the album window. Users may search for files by their properties including filename, description, link, data type, keywords, notes and thumbnail characteristics. Files may be sorted by name, size, date and type or modified with the help of Mini-Editors that provide basic image editing capabilities. The Corel MULTIMEDIA MANAGER utility may also be used to scan to any TWAIN-compliant scanner and allows users to present simple slide shows or print batches of files.

Corel OCR-TRACE

Corel OCR-TRACE is an application which converts bitmap images from scanners and paint programs into vector graphic images that may be edited in CorelDRAW 6. Corel OCR-TRACE's Optical Character Recognition (OCR) function extracts text that is editable in any word processor. Users may trace over bitmapped images that are acquired by scanning with Corel OCR-TRACE or imported from another application, and then apply one of several tracing methods such as outline, centerline, woodcut or silhouette. Corel OCR-TRACE can trace black and white or full color images and forms. Easy-to-use Windows 95 features allow for simultaneous batch printing, multi-page and multi-threaded tracing.

Corel CAPTURE

Corel CAPTURE is an enhanced screen capture module that allows for captures of the Current Window, Active Client, Full Screen, Rectangular Area, Elliptical Area or Freehand Area. Hot keys, destination, filename, type and preference settings may be defined by the user.

Corel FONT MASTER

Corel FONT MASTER provides complete TrueType font management capabilities. This utility allows the user to preview fonts, assemble font groups and install/de-install fonts on the fly.

Corel PRESENTS-Runtime Player

Corel PRESENTS-Runtime Player is a utility that plays back presentations created with the Corel PRESENTS module. Corel PRESENTS-Runtime Player is free to distribute and may be installed royalty-free on any computer.

Corel SCRIPT Editor

CorelSCRIPT is an OLE 2 enabled scripting application. Using OLE 2 automation, 3rd Party developers can open CorelDRAW 6 API's to create complementary applications for the CorelDRAW 6 suite.

Corel SCRIPT Dialog Editor

Corel SCRIPT Dialog Editor may be used to create dialog boxes for use in conjunction with Corel SCRIPT.

CorelMEMO

CorelMEMO is an OLE 2 compliant utility that may be used with CorelDRAW or Corel PRESENTS. It is accessed through the Edit menu under insert object and it allows users to attach a "sticky-type" note to their drawings or documents. These notes can be used as personal reminders or to highlight certain elements of the document, without changing the actual text or graphics involved. They contain a small graphic in one corner and may be minimized to the size of the graphic. The text and note color may be customized.

]**Key Common* Features**

32-bit Windows 95 Architecture

Support for long file names

Extensive right mouse button support

Easy access to preference settings

Property sheets

"What's this" help

Tabbed dialogs

Floating or dockable toolbars

Multi-threading

Multi-tasking

E-mail/fax enabling through MAPI/TAPI

Accuracy to 0.1 of a micron

Multi-Document Interface

Open multiple documents

Open multiple views of a document

Customizable User Interface

Customizable:

Toolbars

Hot keys

Status bar

Roll-ups

Menus

OLE 2 Support

Client/Server

In-place editing

Drag & drop

OLE automation - through Corel SCRIPT - exposes functions of the program for third party developers to create applets

Bubble hints

Text toolbar with access to common text functions

New automatic text effects

Other Features Common* to all Applications

Hot keys consistent across applications

Roll-ups

QuickList to save commonly used paths

Full-color Bitmap Patterns

Wizards & Tutor Notes

Bar code creation

New and improved filters

Standard color models

Color Management

Color calibration

Densitometer

Ink correction

Undercolor Removal (UCR)

Gray Component Replacement (GCR)

Total ink limit

Wizards to set up profiles

Additional device profiles

Registration color

New Pantone colors

Printing

Greater PostScript Level 2 support

Preview individual plates

OPI (Open Prepress Interface) support

Print styles

Proofing options

Calibration bars

Screen angle adjust

Screen frequency

Halftone dot adjust

Overprint on individual plates

Print Preview

Positive/Negative and Emulsion Up/Down print options

Print tiled pages

Print Range

Print to File

Print odd, even, both

Selected objects

Collate copies

Layers

Convert spot colors to process colors

Crop marks

Registration marks

Print file information page

Better PostScript halftone frequency control

Custom Halftone screens

Print multiple docs/bitmaps on one page

Set bleed limit

Font downloading

Save printing styles

Print analysis

RGB output for slides

Separations

Separate imported EPS files including bitmaps inside EPS files

Improved trapping, spreading, choking

Advanced screening options for each color

Imposition

Custom imposition settings

Gutters

Margins

Business card/labels

Trifold

Bitmap and vector patterns

PANOSE font substitution

* All common features may not be available in Corel DREAM 3D.

Application - CorelDRAW 6

CorelDRAW 6 Overview

CorelDRAW 6 is a vector-based drawing application with extensive text handling and precision-drawing features that make it the ideal tool for design projects that range from logos and product packaging to technical illustrations and advertisements.

The CorelDRAW 6 module includes many new features such as larger page sizes (150 feet by 150 feet or 45 meters by 45 meters); precision to 0.1 of a micron; OLE 2 support; MAPI/TAPI support for E-mail and faxing from within CorelDRAW; precision typography and new text options available from the toolbar. CorelDRAW 6 also has several exciting new tools including a polygon tool for creating symmetrical polygons and multi-sided objects, a spiral tool; a graph paper tool; as well as knife and eraser tools that slice objects into multiple pieces.

The new Distribute command, slanted guidelines and additional lenses all add to the power of CorelDRAW 6, as does the ability to open and edit any PostScript or EPS file. CorelDRAW 6 also supports preview of PostScript fill patterns.

CorelDRAW 6's text tools provide the power of a word processor or desktop publisher. The text tools give users the ability to change case, set leader tabs, range kern, text wrapping and force justify text. CorelDRAW 6's text functions also include full search and replace capabilities, a spell checker, thesaurus, grammar checker and Type Assist . The program also supports PostScript Level 2 printing options and full color separations with trapping.

Target Market Positioning

CorelDRAW 6 is the best in 32-bit graphics! The product ushers in a new era of 32-bit applications from Corel. The new Windows 95 interface with its Tutor Notes, Wizards and on-line tutorials make CorelDRAW 6 easy to use and a must buy for beginners or casual users. In addition, the fully customizable interface, precision typography features, 32-bit architecture, accuracy to 0.1 of a micron, powerful printing options, color separation and trapping features make CorelDRAW 6 a must buy program for professionals. From logos to real-size floor plans, CorelDRAW 6 is easy enough to use by beginners, yet has the power features sought after by professionals.

CorelDRAW 6 New Feature Highlights

New Tools

Panning Tool

Knife Tool

Polygon Tool

Eraser Tool

Spiral

Graph Paper

Angular Dimension Lines

Connector Lines

Mirror editing for preset polygons

New Lenses

Fish Eye

Wireframe

Freeze

Custom color map

Viewpoint

Objects

Select objects by touching or surrounding

Select objects by attributes

Object type

Fill type

Outline

Color

Special effect

Treat all objects as filled

New Roll-up Customization

Roll-up on top never covers other roll-ups

Group roll-ups together

Easier weld, trim and intersection

Control fountain fill midpoint

Larger page size 150' X 150' or 45m X 45m

Slanted guidelines

Better layer control

Distribute command

Automatic text wrap around graphics

Simplified Styles & Templates

Bar code generator

7 industry standards and 79 fonts

849 label formats

New Preset features-load separate Preset files, change key color, edit outline/fill attributes, upgrade/regenerate thumbnail previews

Preview PostScript fills

Bitmap color mask

Non-rectangular bitmap cropping

Wizards and Tutor Notes

CorelDRAW 6 Additional Features

Open and edit PostScript files

Interruptible screen redraw

Preview by selection

Auto reduce nodes

Convert EPS to editable elements

Combine several overlapping objects

Calligraphic pen

Copy or clone special effects from one object to another

Live blending along a path

Live editing

Rainbow

Along a path

Perspective

PowerLines

Envelope

Contour

Preset transformations

Fractal texture fills

Adjust space between words

Multiple columns

Flow text through document

Paragraph formatting

Tab ruler in main window

Live dimensioning lines

Application - Corel PHOTO-PAINT

Corel PHOTO-PAINT 6 Overview

Corel PHOTO-PAINT 6 is a powerful paint and photo-retouching application with several features that facilitate use for beginners or professionals. The Multiple Document Interface lets users open multiple files or views of a single image and drag & drop objects from one image to another. A simplified Color Mask Roll-up allows for fading of the mask, while feathering options now include inside, outside and middle with user defined width. Masks can be painted on using grow, stroke and anti-alias tools and the combination Command Recorder/Macro Player provides the ability to record and edit any series of commands performed within Corel PHOTO-PAINT 6 and then play them back later.

In addition, the mask and object tool bars have been combined to simplify the user interface. The Object Roll-up is an enhancement of the Object/Layer Roll-up in Corel PHOTO-PAINT 5. With it, users may control the visibility and appearance properties of objects. Each object may be named and has a visibility icon beside it. Multiple objects may be

selected, aligned, grouped/ungrouped, ordered and merged. Objects saved in the .CPT format (TIFF6) may be stored with no background image, which allows for effective use in creating object libraries. Masks may be converted to objects and back again to masks.

An Image Navigator Roll-up provides the ability to work on an image in a preview of the zoomed state. The Image Navigator serves as an easy-to-view reference point when zooming and panning across an image.

The new Texture Brush tool allows users to set the grain and texture values, bleed and wetness values and color and dab variations when painting with a texture. Corel PHOTO-PAINT 6 also contains natural media brushes such as Pencil, Pen, Charcoal, Chalk and Crayon. Brushes may be customized and saved in the custom brush library that is easily accessible through the Brush Roll-up.

Corel PHOTO-PAINT 6 includes 77 different effects filters that perform image correction, noise reduction and special effects. Key filters include Terrazzo, Paint Alchemy, Tone map, Emboss, 3D stereoscopic, Canvas and Desaturate. Corel PHOTO-PAINT 6 also works with third-party plug-in filters. Other image enhancements include support for monotones, duotones, tritones and quadtones.

Corel PHOTO-PAINT 6 opens most image formats including AVI files (Video for Windows) and FLC files. AVI and FLC files may be edited frame-by-frame and saved back as a movie.

Target Market Positioning

Corel PHOTO-PAINT 6 is a powerful image editing application with professional features that are easy to use. The casual user, business user and professional artist will enjoy the simplified user interface. Users may choose from more than 77 image filters to easily produce dramatic effects with the 1000+ photos and floating objects. Simplified tools combine with high-end features so that users may grow into, and not out of, the product. Corel PHOTO-PAINT 6 images and objects may be dragged & dropped into Corel PRESENTS presentations, CorelDRAW 6 illustrations and Corel VENTURA documents.

Corel PHOTO-PAINT 6 New Feature Highlights

New Tools

 Natural media brushes

Preset for natural media brushes

Crop tool

Texture Brush tool paints paper texture (formally the canvas function)

Adjust grain and Texture values of paper textures

Set Dab and Color variation for multiple dab effects (Impressionism, Pointillism, Cubism)

Set Blend and Wetness values for brushes

Filters

User defined filters

Additional plug-in filters

Zig-zag

Apply surface texture

Tinted grayscale

Stereoscopic (3D Glasses)

Water color

Command Recorder:

Tracks mouse movements and operations and converts them into a script.

Macro Player

Plays script that is created with the Command Recorder.

Unlimited file size

Undo list

Multiple object selection & grouping

Animation editing of AVI and FLC files

Image Navigator allows user to work in zoom view using Image Navigator window as a reference point

Masking Presets

Single column/row

Circle

Fixed size

Editable text

Create Object Libraries

Local Undo

Canvas applied as brush or filter

Paint Modes - Object Merge Modes applied with brushes

Grids and rulers on image window

New color matching palettes

DIC

TOYO

DuPont

New color models

HLS

YIQ

Registration color

Corel PHOTO-PAINT 6 Additional Features

Masks

Enhanced masks:

Paint on mask

Mask mover tool

Refined masking tool fly-out to mark object

Grow & shrink - color masking

Border mask

 Masking:

Defringe

Remove black matte

Remove white matte

Drag masks to new channel

Remove holes from mask

Stroke mask

Overlay mask

Feather Masks: Inside/Outside/Center

Tools

Panning tool

Measuring tool

Clone tool: Reset to origin

Improved Air Brush tool

Alpha channel easier to use

Filters

New user interface for filters

Filter entire image from partially loaded file

Deskew to fix improperly scanned images

Color Balance filter

Hue filter

Performance enhancements to filters

Grids & Rulers with snap to options

Canvases are now filter options and brushes

Save to and retrieve from checkpoint

Gamut alarm

Image conversions

Monotones

Duotones

Tritones

Color models

Edit in image's native image palette

Constrained rotation

Objects

Enhanced Object Manager Roll-up to control visibility and appearance of objects

Separate Object Picker tool

Multi-select objects

Merge objects

Feather objects: Hard/Soft Edge

Align objects

Group objects

Order objects

Convert Objects to Masks

Convert Masks to Objects

Channels Roll-up

Anti-alias text, masks, objects and fill tool

Node Edit Roll-up

Presets for Cloning brushes

Save custom brushes

Photoshop & Picture Publisher file support

Custom fills

Application - CorelDREAM 3D

CorelDREAM 3D Overview

CorelDREAM 3D is a powerful 3D modeling and rendering application that has been adapted and ported to the Windows '95 platform from the popular Ray Dream Designer program for the Macintosh and Windows. The new streamlined user interface and 32-bit architecture make CorelDREAM 3D faster and easier to use.

Illustrations that are created in CorelDREAM 3D are built and assembled from objects that populate a scene. The application includes basic objects such as sphere, cone, cube, cylinder and icosahedra.Corel has also added a large number of 3D clipart models to simplify the creation process for the user. Additional objects may be created using the Free Form Modeler and the Text tool.

To create a 3D scene, the user can shade objects with a wide range of colors and textures. Lights and cameras are positioned at various angles around the objects and the 3D scene is then rendered to a final image. Rendering is the process of capturing a view of a three-dimensional scene and saving it as a two-dimensional image. The rendered scene or objects may be merged with scanned or Photo CD images in Corel PHOTO-PAINT. Third party plug-in filters may also be applied, either in CorelDREAM 3D or in Corel PHOTO-PAINT, to further enhance the rendered image.

CorelDREAM 3D lets users save renderings in many of the popular image formats including CPT(Corel PHOTO-PAINT), BMP, TIFF, Adobe Photoshop, TGA and PCX.

Target Market Positioning

CorelDREAM 3D completes the suite of applications in the CorelDRAW 6 box by adding a whole new dimension to graphic arts. Artists will appreciate the easy process of creating special effects such as lighting, shadows, transparency and reflection, while technical illustrators will utilize CorelDREAM 3D to create realistic product mock-ups. Multimedia artists will quickly see the advantages of using CorelDREAM 3D to create 3D menus and environments for interactive multimedia applications.

CorelDREAM 3D New Feature Highlights

 User Interface

Windows 95 user interface:

The placement of windows and tool bars make it more intuitive and easier to use

Streamlined:

Consolidated menu structure

Primitive creation tools added to tool box

Plane icon is a toolbar

Enhanced Status bar

Closer integration with CorelDRAW applications

Save as a Corel PHOTO-PAINT (CPT) file

Import CMX into Modeler

Corel PHOTO-PAINT 6 images may be used as backgrounds and texture maps

Display background while editing

New zoom options

Multi-select objects and group objects with one command

Over 350 new seamless shaders/textures

3D models which can be dragged and dropped into a scene

Camera Setting and Camera Parameters dialogs are merged

Access to 1000 fonts

CorelDREAM 3D Additional Features

Multiple views

Grids

Hot keys

Objects

Objects and Master Objects

Rearrange objects in the Hierarchical view

Master and Clone Objects

3D painting on objects: Paint just an area of an object or apply an image as a label

Modeling

Spline-based

Scaling extrusion

Lathing extrusion

Cross-section extrusions

Complex sweep paths

Skinning

Modeling Wizard

Font extrusion

Freeform Deformation

Beveled text

3D Dynamic Rotation

Display styles through system menu

Surface mapping

Procedural

Color

Reflection

Transparency

Refraction

Bump

Lights

Distant

Spotlight

Ambient

Procedural gels

Multiple lights

Gels: images and clipart may be used as gels over lights to create sophisticated lighting effects

Text Modeler displays font samples

Rendering

Batch Queue Rendering: allows the user to render many images at once

Render individual objects

Spot Rendering

Shading

Flat

Gouraud

Phong

Ray Trace

Shaders Browser

Alpha Channel Compositing

Anti-aliasing

Third party plug-in support

Application - Corel PRESENTS

Corel PRESENTS Overview

Corel PRESENTS is an all new presentation program with professionally designed templates, backgrounds and Wizards. With Corel PRESENTS, users have the opportunity of easily including dazzling multimedia features such as sound, video and transition effects in their presentations. The application is easy to use because of the close amalgamation of its user interface with the other CorelDRAW applications and its built-in Wizards that help guide new or occasional users through the creation of their presentation.

Corel PRESENTS ships with 50+ presentation templates, 1500+ animated actors, props and sounds, 300+ backgrounds, 1000+ photos and 260+ video clips.

The CorelCHART engine has been integrated as the native charting tool and CorelMOVE animated actors are now included in Corel PRESENTS. New actors and backgrounds may be created in other CorelDRAW 6 applications and imported into Corel PRESENTS.

Target Market Positioning

Corel PRESENTS is the ideal presentation program for the casual business user who makes occasional presentations, or for those users who make presentations on a regular basis and need to add more advanced multimedia features to their scripts. The application's ease of use will appeal to users who do not want to spend a lot of time learning a complicated authoring program or scripting language, while more advanced users will appreciate the timelines, cel sequencers and animated actors.

Corel PRESENTS Feature Highlights

On-line tutorials

Mapping

Display demographic data and statistics in the form of a map

Advanced User Features

Timelines

Cel Sequencers

Animated actors

Typographic Controls: The strongest typographic controls of any presentation application

Large Libraries

Templates

Backgrounds

Animations

Sounds

Animated actors

Video

Clipart

Photos

Fonts

Charts

Symbols

Drag and drop backgrounds and objects

Independent transitions

WYSIWYG outliner

Runtime Player

Corel PRESENTS Additional Features

Powerful new presentation application

Easy to use

Wizards to guide new or casual users through the creation of a presentation

Templates with setups for backgrounds and slide layouts

90+ Transitions for objects & slides

Multiple levels of undo

Context sensitive help

Interactivity

Improved text support

Configurable Hot Keys for attributes

Keyboard access to accented characters

Range kerning & interactive kerning

Forced justification of text

Leading control

Tabs

Automatic text effects- caps, small caps, change case

Automatic hyphenation

Accented characters

Set underline distance from baseline

Hanging punctuation

Precision typographic controls

Word spacing

Letter spacing

Alignment

Preview typographical effects in Text Edit dialog

Force line break in paragraph text

Text toolbar with access to common text functions

Font

Point Size

Attributes

Justification

Bullets

On-screen annotation

Spell checker

Thesaurus

Grammar checker

Type assist

Tools

Drawing

Polygon

Chart

Shapes

Animation

Entry/Exit path-based animation

Complex path animation

Preset animation paths

Animation-improved cel sequence

Cel Sequencer

Cel Editor

Data manager

Sound support - .WAV

AVI support

Views

Slide

Sorter

Animation

Outline view

WYSIWYG or generic text outliner

Splitter window displays notes on outliner view

Speaker notes

Audience notes

Hide slide

Self-running tutorial

Create custom backgrounds

Application - Corel MOTION 3D

Corel MOTION 3D Overview

Corel MOTION 3D is a powerful application that allows users to animate 3D objects and text. It may be used in conjunction with CorelDRAW and Corel PRESENTS to add another dimension to clipart or enliven a presentation. Corel MOTION 3D includes a variety of backdrops for animations. Users may also create bitmaps for backgrounds with their favorite Photo CD-ROMor adjust the settings for the atmosphere, backdrop and sky.

Corel MOTION 3D includes built-in camera and lighting effects to automatically animate the text or 3D objects in the scene. In addition, more than 25 special effects such as Blush, Fade or Rainbow may be applied to change the object's appearance. Users may also adjust the glow, reflectiveness, transparency, metallicity or diffuse shading to alter the surface look of their 3D object or text.

Target Market Positioning

Corel MOTION 3D is a powerful, yet easy-to-use application that will introduce users to the world of animation. This module is targeted at users who are curious about animation and want to explore their creativity in a third dimension. Corel MOTION 3D provides the tools that make it easy for beginners to add flying logos and animated clipart to their presentations, but it also provides the instruments necessary for professional users to create outstanding 3D archetypes.

Corel MOTION 3D Feature Highlights

Integration with CorelDRAW applications

Import CMX files into workshop for instant extrusion

Use Corel PHOTO-PAINT images as backgrounds

Access to 1000 fonts

Views

Side, top and front views aid in object placement

Custom arrangements may be saved

Navigation controls

Pan, Zoom in, Zoom out

Camera controls:

Pan

Move In

Zoom

Rotate

Tilt

Animation controls

Timelines dialog to control and adjust the timing of the animation

Create, delete or reposition event marks

Set Keyframe

Create hierarchies

Punch In/Punch Out control — renders portions of the animation

Preview animation to screen before rendering

Rendering Modes

Bounding box

Wireframe

Fast Render

Better Render

Ray-Trace

Basic creation tools

Lathe objects

Extrude objects

Extruded text

Object Manipulation Tools

Uniform scale

Squash/Stretch

Rotation tools

X-rotate

Y-rotate

Z-rotate

X-Y move

Z-Move

Object morphing capabilities — shape and surface

Workshop mode

Edits outlines of Lathe and Extrude Objects

Node edit outlines

Drag and drop CMX files into the workshop for instant extrusion

Editable environment properties

Background bitmaps

Atmosphere — ambient light, fog

Sky — nonvisible reflective surface

Surface library

Editable surface properties

Color

Specular highlight

Metallicity

Reflectiveness

Shininess

Glow

Diffuse shading

Transparency

Create new surfaces

Light creation tool

Add additional lights to the scene

Two light types: Point light and Spotlight

Adjustable light properties

Color

Intensity

Spotlight Angle

Spotlight Focus

Movie creation

AVI or FLI

Compressed or uncompressed

Creates single frame or full animation preview

Other Features

Multiple Undo — user defines the number of levels

Import DXF

Beveled text

Built-in camera and lighting effects

Props — animated clipart

Anti-aliasing

Corel OCR-TRACE Features

New Outline & Centerline algorithms

New Effects

Line art 32 layers

Clipper

Clipper 3D

New Noise filters

Enhanced Wood Cut with more controls

Enhanced OCR features

OCR Page analysis to separate text from graphics

OCR has an improved spell checker

Wizards to walk the user through tracing an image

Easy preset settings

Simple bitmap retouching

Pen

Eraser

Zooming

Eye drop

Flood fill

Vector Editing

Bezier reshaping

Color change

Selection cut, copy, paste

Color Trapping control

Macro recording

Multi-threaded tracing

Layers

Separation

Wireframe control

Visibility control-show by layer

Preview inside a list box

Templates

Export - EPS, TIF, PCX

Automatic block generation

User may alter block order and select or reshape the blocks to be processed

Table recognition

Page orientation and rotation of page

Read Dot-matrix and Fax documents

Corel Multimedia Manager Features

Replaces Mosaic

Drive and Album windows

Drag & drop from drive window to album window for quick and easy album creation

Archive albums to share files with others

Thumbnail and List View of albums

Four thumbnail sizes

Supports more file formats:

Image

CPT, TIF, BMP, PCX, TGA, PCD, JPG, JIF, JTF, CMP, SCT, GIF, CCH, CDR, CMX, CDT, PAT, EPS, AI, PS, WMF, CGM, DXF, GEM, PLT, PIF, PIC, PCT, WPG

Sounds

WAV, MIDI, AIF, VOC, SVX, SND

Video & Animation (for Windows only)

SHW, AVI, FLI, FLC, MPG, PCS, MWF, MOV, PCT

Fonts

TrueType and Type 1

Text

TXT, CSV, DOC, SAM, RTF, WP, WS

Other formats

XLS, WKS, MLB, EXE, BAK

Sort files by: name, size, date, type

View file properties including: filename, description, link data type, keywords, notes, thumbnail characteristics

Search for files: keyword, name, description and logical operators

Image Viewing and Editing with Mini-Editors or native applications

Copy to the clipboard or drag & drop

Context sensitive Help

Scan from within Corel Multimedia Manager

View video by double clicking on icon

Double click on sound icon to access user's associated sound-editing application

Simple slide show capabilities

Print files from the Corel Multimedia Manager - full size or thumbnails (user defines number of thumbnails per page and other options)