

What's New

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### yajl

Author: Lloyd Hilaiel <http://www.lloydforge.org/projects/yajl/>

**License:** BSD

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### zlib

<http://www.libpng.org/pub/png/libpng.html>

**License:** /\* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.3, July 18th, 2005

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### libtiff

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### DevIL

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Website: <http://www.imagelib.org>

**License:** GNU LGPL

# What's new this release



This section outlines enhancements made and new features added to the 2010 R1 version (released 2009) of DirectConnect, along with various bug fixes.

## What's new

- Support for 2010 AutoCAD format
- Support of CATIA V4 components (.model files) for CATIA V5 assemblies
- Support for CATIA V5 materials
- Support for CATIA V4 in Showcase
- Per face style assignments are now supported in AutoCAD and CATIA V5
- Support of IGES plane surface (type 190)

- Support of IGES direction (type 123)
- Support of JPEG files on 64-bit machines

## Improvements

- Enhanced interoperability between Inventor and Showcase, supporting the transfer of Inventor weld maps (bead only)
- UG file import quality
- IGES file import quality
- JT file import quality

## Limitations

### AutoCAD to Showcase

- The AutoCAD material attribute **Illumination** is not supported by Showcase.
- Only 3D hierarchical data is supported. Curves and 2D drawings are not supported.

### AutoCAD to Alias

The AutoCAD material attribute **Illumination** is supported by Alias, but is called **Incandescence**.

### Maya on the Mac OS X operating system

Maya 2010 on the Mac OS X operating system does not use DirectConnect 2010; however, it does use DirectConnect 2009. Please check the Autodesk web site for the documentation.

### Inventor 2008 and Showcase

Before installing Showcase 2010, if you are using Inventor 2008, follow these steps to ensure a successful installation. Showcase 2010 cannot read the libraries from Inventor 2008, due to backward compatibility issues.

Install Inventor View 2009, opening it after you have used Inventor 2008. Then, install Showcase 2010. Showcase will use the correct version of DirectConnect, ensuring solids with different materials on patches are brought into Showcase without any issues.

#### **Inventor to Showcase**

UV mapping problems occur when using Auto Stitch. The texture from Inventor doesn't get placed correctly onto the surface in Showcase.

