# Inventor Screenshot

Simple screen capture utility for Autodesk Inventor

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## Getting Started

To launch the plug-in, use the following command(s)

Screenshot

The Screenshot command appears in an additional panel in the Tools Ribbon, and is available in the Part, Assembly, Drawing and Presentation environments.

### Usage

When you run the Screenshot command, a dialog will appear. This dialog provides you with the selection options and settings. It also displays a preview of the screenshot.  
  
The screen will be captured according to the selection options and converted to a relevant bitmap.  
  
You have options to save the bitmap to the clipboard to a file or send it directly to a printer.  
  
When choosing the "Application" or "Document" option, the limits of the screenshot will be calculated automatically. When using the "Window" option, the user needs to select a region of the screen.  
  
Selection Options  
|\_Document: capture the active Inventor document window  
|\_Application: capture the entire Inventor application window  
|\_Window: select a region to capture using "Window<"  
  
Settings:  
|\_Background  
| |\_Normal: the current background color is used  
| |\_White: the background is forced to white   
|\_Foreground  
| |\_Normal: the current background color is used  
| |\_Black: the foreground is forced to white   
|\_Grayscale  
|\_Off: do not convert the image to grayscale  
|\_On: convert the entire image to grayscale  
  
The settings for each option are maintained to allow quick capture of commonly required images.  
  
When settings are changed that require the bitmap to be re-generated a progress dialog will be displayed.  
  
The output location causes the resultant image to be placed on the clipboard, saved to a file or sent to the printer.  
  
"Save Screenshot" will cause the image to be saved to the selected output location(s).  
  
"Exit" will cause the dialog to close.

### Screenshots

The Screenshot command in the Inventor tools RibbonBar.

The screenshot form displaying an image captures using selection.

Selecting part of the screen for capture using Screenshot.

The image generated by Screenshot.

## Installation and Uninstallation

You can unload the plugin without installing it by unchecking the  
"Load" checkbox associated with the plugin in the Inventor Add-In Manager.  
  
Unchecking "Load on Startup" cause the plugin not to be loaded in future sessions of Inventor.  
  
To remove the plugin completely, uninstall the application via your system's Control Panel.

## Additional Information

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OPERATION OF THE PROGRAM WILL BE UNINTERRUPTED OR ERROR FREE.

### Known Issues

The tool simply captures the graphics via the screen's display buffer:  
if unwanted application windows are obscuring the image, in some way, then this may need additional handling.  
  
The tool will also capture Inventor's navigation aids, such as the ViewCube. These can be turned off manually via the Application settings, if needed, but are not currently hidden automatically by the plugin.  
  
If graphics from the Screenshot dialog are included in the capture, it's possible to adjust the delay used by the tool to avoid such a situation. Open the [app.config](http://app.config) file installed with the plugin into a text editor and adjust the delayTime setting, as appropriate (the default value is 500ms).

## Contact

This plugin was written by Xiaodong Liang, based on a plugin for AutoCAD developed by Kean Walmsley.  
Both Xiaodong and Kean work for Developer Technical Services - supporting the Autodesk Developer Network community at Autodesk.  
  
Many thanks also to Alex Fielder and Fenton Webb for their input during the design and testing of this plugin.

### Support Information

Email us at [labs.plugins@autodesk.com](mailto:labs.plugins@autodesk.com) with feedback or requests form enhancements.

## Version History

1.0.0

Original release

1.1.0

Added support for Inventor 2008 and 2009

1.1.1

Fixed the problem of selecting a region in perspective view  
Fixed the problem of printing on a 64-bit OS

1.1.2

Updated Icon image