

# **GZIMPFIF.DLL**

## **Decoding DLL for the FIF Format**

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### **1 Introduction**

Fractal compression is a powerful technology to compress image files with minimal loss of quality. The fractal compression supported in the FIF format has been developed by Iterated Systems Inc.

The software decompression of FIF images is very quick, without any dedicated material. It is also possible to perform zooming without pixel effects.

### **2 Description**

The FIF format import filter works with GZBMP.DLL, the graphic engine of the Gazelle Authoring System. The GZIMPFIF.DLL is called by GZBMP.DLL to get a memory DIB from a FIF file, the memory DIB is then handled by GZBMP.DLL. The decoding per se is performed by DECO.DLL. This decoding engine has a "dithering" algorithm that enhances greatly the image display on 256 color video devices. This dithering is automatically disactivated for devices from 32,000 to 16 million colors.

To compress your images in FIF format, you need a software or a hardware capable of performing this special operation.

### **3 Content**

The import filter for the FIF format consists of the following files

GZIMPFIF.DLL	Import filter in GZBMP.DLL (Copyright (C) Editions Gazelle).
DECO.DLL	Decoder engine for FIF format (Copyright (C) ITERATED SYSTEMS Inc, 1994 ).

### **4 Licence**

GZIMPFIF.DLL and DECO.DLL can be distributed by authors in conjunction with GZVIEWER.EXE. The following acknowledgement should be present in the documentation and in the welcome screen of the electronic document:

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Any other use of DECO.DLL, other than the importation of FIF images in GZVIEWER.EXE, is not authorized in the limits of this agreement.