

SwazBlanker/IFS

David Swasbrook

Copyright © Copyright(C)1994 David Swasbrook. All Rights Reserved.

COLLABORATORS

	<i>TITLE :</i> SwazBlanker/IFS		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	David Swasbrook	July 20, 2024	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1	SwazBlanker/IFS	1
1.1	IFS (26.03.95)	1
1.2	What it actually does...	1
1.3	Configuration preferences...	1
1.4	Bug fixes and updates...	2
1.5	index	2

Chapter 1

SwazBlanker/IFS

1.1 IFS (26.03.95)

```
SWAZBLANKER : IFS
=====
```

```
(C) 1992-95 David Swasbrook,
    All Rights Reserved.
```

Introduction	What it actually does
Interface	Configuration preferences
History	Bug fixes and updates

1.2 What it actually does...

```
IFS/Introduction
=====
```

This blanker draws figures that contain random fractals called "iterated function systems". IFS uses FFP numbers, and a probability distribution to minimize the probability of recalculating the same point over and over again.

1.3 Configuration preferences...

```
IFS/Interface
=====
```

Save - save and use the current settings.

Use - use the current settings.

Test - test the blanker under the current settings

Cancel - cancel all changes.

Functions - sets the maximum number of random transformation functions used to compute the figures.
Default: 6.

Iterations - controls how long one figure is computed.
functions used to compute the figures.
Default: 100.

ContProb - the probability to paint the next ifs without clearing the screen first (in percent).
Default: 120%.

Decrease - the number of percents subtracted from ContProb after drawing each figure.
So setting ContProb=120 and Drecreas=20 will mean "draw at least two figures and at most 6".
Default: 20%.

Area - set to either Special or Uniform. Uniformly drawn figures look a bit more structured in some cases but wastes much time.
Default: Special.

Transpose - if not set then the centre of each figure is the centre of the display. If set then each figure will be displayed using an offset from the centre.
Default: Yes.

Display Mode - the screen mode to use. If the preferred screen cannot be opened then the default screen mode will be tried, if this fails then the minimum screen mode required for this blanker will be tried, if that fails then the blanker will quit and let SwazBlanker choose an alternative blank method.
Default: Hi-Resolution Laced.

1.4 Bug fixes and updates...

IFS/History
=====

'1.0' o Code originally taken from the GBlanker IFS module source.

1.5 index

IFS/Index
=====

History
Interface
Introduction

Bug fixes and updates
Configuration preferences
What it actually does