

**Heddley**

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# Chapter 1

## Heddley

### 1.1 Introduction

What is AnimatED?

Welcome to AnimatED, an animation program which makes it possible to make your animations just that little bit better. AnimatED allows you to add all kind of different events to your animations. With just a few clicks of the mouse you will, for example, be able to assign a soundsample to a particular frame in your animation or make a frame pause for some time. You can use your favourite drawing package, which uses the IFF-Anim standard, to draw your animation and when finished use AnimatED to make your animation really stand out from the rest. Let's introduce some powerful features available in AnimatED:

- \* Support for IFF-animations (modes 5 and 7).
- \* Support for (almost) all screenmodes (including AGA).
- \* IFF-soundsamples, which can be played through any channel you like. You can also set the volume and the pitch at which the sample will be played. Looped soundsamples are supported.
- \* Timing, change at any point in your animation the speed at which your animation is played. The speed is measured in Frames Per Second.
- \* Wait, pause your animation for an amount set in seconds.
- \* Play Sound-/Noise-/ProTracker or Med modules during your animation.
- \* Your finished productions can be easily played back in realtime using the stand-alone freely distributable AnimatEDPlay program.
- \* Create stand-alone self-running disks with ease. Use animations, edited with AnimatEDPlay as intro's to your games/demos.

### 1.2 Disclaimer

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## Disclaimer

The author of AnimatedED can not be held responsible for any damage that this program or the manual that came with it might cause. If you are using AnimatedED, you will do so at YOUR OWN RISK.

## 1.3 Registering

### Registration

AnimatedED is shareware, which means it may be freely distributed and copied, as long no alterations are made to the programs or the archive. If you find AnimatedED good enough to cheer up your animations you might consider to registrate AnimatedED. When you send me the registration fee you will receive a disk containing the latest version of AnimatedED and a special personalised keyfile. When you copy this file to the same directory as AnimatedED, AnimatedED won't bring up the shareware notice at the beginning. Also scripts saved out with a registered version of AnimatedED will remove the requester which is displayed when playing your animations using AnimatedEDPlay. Your keyfile is personal and it contains your name and registrationnumber, so don't give it to other persons. I also would like to state that if you do register that all future updates of AnimatedED will be free for you. This means that you don't have to pay extra money to use the latest version. Updates of AnimatedED should be available through Aminet(-CD's).

If you want to register please send me 10 English pounds OR 20 American dollars OR 25 Dutch guilders in cash or use an Eurocheque. Other currencies or methods of payment will NOT be accepted! Inning foreign cheques costs money and accepting this method of payment forces me to increase the shareware fee, so therefore only cash payment and Eurocheques are accepted and the shareware fee is as low as it can be. Please use the 'AED\_OrderForm.txt' (included in the archive) for your order.

When paying by EuroCheque please check out the following notes:

- Dutch Guilders only : FL 25,- (vijfentwintig gulden)
- Cardnumber on the Backside
- Signature on Front AND Backside

NOTE: Sending money to me is doing so at your own risk! I cannot be held responsible if things go wrong. Don't be too afraid for sending money in cash. I have registered users from Mexico, Canada and Australia, so it all seems quite reliable.

[Click here for the address.](#)

## 1.4 System Requirements

### System Requirements

To use AnimatedED you need at least Kickstart 2.04 and 2 Mb of memory, But if

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you really want to benefit from all AnimatedEDs features, more memory is recommended. Also the following libraries should be in your LIBS: drawer:

- diskfont.library
- asl.library
- mathtrans.library

The AED.font (size 8) should be located in your FONTS: drawer. See also Installation.

AnimatedED has been tested on the following systems:

A1200 / A1230 / A2000 (030).

## 1.5 Installation

Installation

This shouldn't be a real problem as all you have to do is copy the AnimatedED executable to wherever you like (your harddisk for example). Even easier, double click the Install icon and everything will be copied automatically (including the AED.font, which will be copied to FONTS:).

AnimatedED will look for it's prefs-file (if available) in the same drawer AnimatedED was started from.

You should also have the following libs and font installed.

```
LIBS:asl.library
LIBS:diskfont.library
LIBS:mathtrans.library
```

```
FONTS:AED.font
```

Libraries are not included as these are part of WorkBench and should be on your WorkBench-disk. NOTE: AnimatedED needs version 38.25 or higher of the asl.library. The version included with WorkBench 2.x will NOT do!

## 1.6 AnimatedEDGuide (C)1997 Marco Vigelius

AnimatedED v1.2

© Marco Vigelius, 1997.

AnimatedED is a SHAREWARE product

Read the distribution section for information on distribution and registering.

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~~~~~Disclaimer~~~~~	Use it at your own risk.
~~~~~Introduction~~~~~	What is AnimatedED?
~~System~Requirements~~	What does AnimatedED need?
~~~~~Installation~~~~~	How to install AnimatedED.
~~~~~Main~Screen~~~~~	What are all those buttons for?
~~~~~Events~~~~~	What and which events?
~~~~~AnimatEDPlay~~~~~	I want to be famous!
~~~Questions+Answers~~~	I've got a problem?!
~~~~~History~~~~~	Story of my life.
~~~~~Future~~~~~	What's next?
~~~~~Distribution~~~~~	I want to register!
~~~~~Credits~~~~~	Not that spectaculair.

## 1.7 Main Screen

### Main Screen

From the main screen, which can be in any screenmode or the Workbenchescreen, you'll be able to control all of AnimatedEDs features.

AnimatedED can be quit by pressing the close window button of the Project Window.

You are free to drag any of the windows around. New windows positions will be stored in memory as long as AnimatedED is running. You can save new windowpositions by clicking the Save button on the AnimatedED prefs page of the Prefs window. Windowspositions will be automatically saved if the Auto-save~prefs option is enabled.

Here is a description of the functions of all those windows:

### Project window

~~Load~Anim~~	Load an IFF-animation.
~Unload~Anim~	Unload an animation & script
~~~~About~~~~	Display program info.
~Load~Script~	Load an AnimatedED-script.
~Save~Script~	Save an AnimatedED-script.
~~~Options~~~	Change/Save the prefs.
~~Cont~Anim~~	Start animation from the current frame.
~Start~Anim~	Start animation from the beginning.
~Show~Frame~	Show the current frame.

### Frames window

All frames are displayed in this window. On the bottom is the currently selected frame. All further actions will affect this frame. Click on a framenummer to make that frame the current frame. You can resize this window to make more frames easy accessible.

### Events window

Shows a list of all events availble in AnimatedED. Events which are attached

to the current frame have a checkmark. Clicking on one of the events causes that particular eventwindow to open. Only 1 event of it's kind can be attached to a single frame.

Search for event window

Select an event to search for using the cyclepad and then use prev and next to search backwards or forwards for the selected event starting from the current frame. When a frame contains the event searched for it will become the current frame. If nothing is found the screen will flash.

Information window

Shows information and error messages. If something doesn't go as you expected look at this window to see if there is an (error)message displayed.

## 1.8 Load Animation

Load Anim

When you press this button AnimatedED will bring up a file-selector and from here you should select your IFF-Anim and click Ok. AnimatedED will then load your animation in memory. If for some reason AnimatedED failed to load your animation, due to low memory for example, an error message will be displayed. Don't forget that at the moment AnimatedED only supports IFF Anim5 and Anim7 animations. Also animations can only be loaded into contiguous memory. Which means it is important to have a big largest free memory block. For animations it doesn't matter if this is fast-memory or chip-memory. See Q+A for more information about memory usage.

IMPORTANT! AnimatedED expects your animation to have looping frames at the end, so when the end of your animation is reached your animation will start all over again from the beginning. However some programs don't add these frames to the animations they save and when playing such an animation in AnimatedED it will when it loops around become a real mess. I have done a little test of which programs fail to save IFF-animations with looping frames and I have come to the following conclusions:

Program	Looping frames?
DeluxePaint III,IV(AGA),V	Yes, no problems with this classic.
Brilliance 1 & 2	Same story here, no problems at all.
Main-Actor v1.55	Save the animation as IFF and when the program has saved your animation it will ask you if it should add looping frames. Simply answer this with a yes, and it works fine with AnimatedED.
Personal Paint 6.1	This seems to be the only troubleshooter at



the moment, as it won't add looping frames.

If your animation doesn't have looping frames there are several things you can do:

- Load your animation in a program which does add looping frames and save it from there.
- Add looping frames yourself by adding frame 1 and 2 to your animation.
- Let Animated do all the work and select 'No looping frames' from the Options-window.

It's best to add looping frames and don't let Animated do the work.

## 1.9 Load Script

Load Script

This button, when pressed, will bring up a file-selector and allows you to select an Animated-script. Only files with a .AED extension are displayed. This script contains all the events-data and the names of the used animation and possibly used soundsamples and/or trackermodule. When you load a script, Animated will also automatically load your animation and possible soundsamples/trackermodule. Animated will try to load these files from the same directory they were originally loaded from. Therefore it may be possible that Animated asks you to insert a disk containing those files. If you don't have that disk anymore or you have copied the files to another disk, Animated is not able to locate the needed files.

However Animated will also look in the same directory where you're scriptfile was loaded from, for that particular file needed. Please read the AnimatedPlay section for information on this.

If still a particular file can't be found both Animated and AnimatedPlay will try to play the animation anyway. Except, of course, if it can't find the animation itself... :)

## 1.10 Save Script

Save script

With save script all the events-data will be saved. Animated will automatically add a .AED extension to the name you have given to save your script and an icon. Remember that Animated does not save your animation, soundsamples and trackermodules. Animated does however save the directories where it can find these files, so if you load the script another time in Animated it will try to load these from the disks/directories they were originally loaded from. If this fails it will also look in the same directory where the script was loaded from. See for more information

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Load~Script.

## 1.11 About

About

This brings up a requester which shows what amount of free memory you have. Especially important are the largest free memoryblock and CHIP memory. See Q+A for more information.

## 1.12 Add Event

Events

~Freeze~frame~	Freeze a frame temporarily.
~~~~Timing~~~~	Set the playback speed of your animation.
~~Soundsample~~	Load and play IFF-soundsamples.
~Trackermodule~	Load and play a Trackermodule.
~~~Medmodule~~~	Load and play a Medmodule.
~Channel~Mask~~	Mask Tracker- or Med Channels.
~~Load~Script~~	Load a new script.

## 1.13 Freeze frame event

Freeze frame event

Here you can make the current frame wait for an amount of time set in seconds (maximum 600 seconds), a mouseclick/keypress or both. If you set the waiting time 10 seconds and also tick the wait mouseclick/ keypress box, AnimatED will wait 10 seconds before it continues the animation, but if the user presses a key or the left-mouse then AnimatED will also continue your animation.

Be sure to have set the correct Refreshrate of the display mode you are using, otherwise it could suddenly happen that a second isn't a second anymore. :)

## 1.14 Timing event

Timing event

Here you can set the speed at which your animation from the current frame will be played back. 1 frame per second is the minimum 50 frames per second the max. On slow Amiga's it is possible that animations with a big resolution don't achieve the specified speed.

Also be sure that the specified Refreshrate matches the refreshrate of the used displaymode. Otherwise unpredictable things can happen. :)

## 1.15 Soundsamples event

Soundsample event

Here you can load samples and assign one of them to the current frame. The samples loaded in memory are displayed in the listviewer on the left and the currently selected one is displayed on the bottom. You will see that there is already one sample present, namely Sound Off. This sample does exactly what you expect, namely turning the currently playing soundsample off (this is if you specify the same channels ofcourse).

- Load - This will bring up a file-requester and allows you to load 8SVX IFF soundsample into memory. IFF soundsamples are used a lot on the Amiga and there are thousands available in the Public Domain. You can also sample your own sounds using a soundsampler and some samplesoftware which can save the samples in the required format (almost all do). You can't load soundsamples which are bigger than 128.000 bytes. You can load a maximum of 250 different soundsamples.  
NOTE: soundsamples can only be loaded in CHIP memory.
- Kill - This option deletes the currently selected soundsample from memory. All frames which had this soundsample assigned to itself will lose their event-data.
- Hear - Plays the currently selected sample with the current volume-, pitch- and channelsettings.
- Stop - Stops the currently playing soundsample.
- Channel - Here you can select through which channels your soundsample should be played. The Amiga has 4 different channels with which you can make any combination possible.
- Volume - This allows you to set the volume from silence (0) to very loud (64).
- Pitch - Controls the pitch at which the soundsample will be played back ranging from high (100) to low (600).
- Loop - When turned on this will loop the soundsample. NOTE:To loop an IFF soundsample it must have looping information.
-

Soundsamples saved without this information will NOT loop and produce some awful noises instead.

- Led - Turns the soundfilter on/off.
- Ok - Accepts the current settings and assigns it to the current frame. The Sound-event window will be closed.
- Cancel - Restores the old settings. You won't get back previously killed soundsamples!
- Remove - If a soundevent is already attached to the current frame than this option will be available. It allows you to remove the soundevent from the current frame.

## 1.16 Trackermodule event

Trackermodule event

With the tracker event you can load a sound-/noise-/pro-trackermodule which can be started or stopped at any frame in your animation. It is possible to play both a trackermodule and a soundsample simultaneously, see Channel Mask " link for more information.

- Load - Will try to load a trackermodule into chip-memory. NOTE: trackermodules can only be loaded in chip-memory, which means it may happen that you have plenty fast-memory left but still get an out of memory error if there isn't any chip-memory left. Also note that there is no filetype-checking on trackermodules, so loading in any other file than a trackermodule will probably crash AnimatED!
  - Start - Starts the trackermodule from the specified pattern. Pressing the Ok button will now assign a start trackermodule event to the current frame.
  - Stop - Stops the currently playing trackermodule and/or when pressing the Ok button will now assign a stop trackermodule event to the current frame.
  - Pause - Pause the currently playing trackermodule. Pressing the Ok button will assign a pause trackermodule event to the current frame.
  - Cont - Continue the paused trackermodule. Pressing the Ok button will assign this as an event to the current frame.
  - Kill - Remove the module from memory. All frames which had trackermodule events assigned to itself will lose their trackermodule event.
  - Pattern - Here you can specify from which pattern your trackermodule should start.
-

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Volume	- Use the slider to set the volume of the trackermodule.
Ok	- Assign the last selected option to the current frame.
Cancel	- Nothing will change.
Remove	- Removes the trackerevent attached to the current frame.

When playing back your animation and you have for example assigned a trackermodule event to frame 1, which starts the trackermodule, then if your animation loops around it won't start the trackermodule again at frame 1 but continuous playing. This should be very handy, if you think otherwise you can ofcourse always assign a stop trackermodule-event to the frame before it needs to start all over again.

Also don't try to play a trackermodule and medmodule simultaneously.

## 1.17 Medmodule

### Medmodule event

With the Medmodule event you can load a 4 channel MMD0 or MMD1 Medmodule which can be started or stopped at any frame in your animation. It is possible to play both a trackermodule and a soundsample simultaneously, see Channel Mask event for more information.

Load	- Will try to load a medmodule into chip-memory. NOTE: medmodules can only be loaded in chip-memory, which means it may happen that you have plenty fast-memory left but still get an out of memory error if there isn't any chip-memory left.
Start	- Starts the medmodule from the specified pattern. Pressing the Ok button will now assign a start medmodule event to the current frame.
Stop	- Stops the currently playing medmodule and/or when pressing the Ok button will now assign a stop medmodule event to the current frame.
Kill	- Remove the medmodule from memory. All frames which had medmodule events assigned to itself will lose their medmodule event.
Pattern	- Here you can specify from which pattern your medmodule should start.
Volume	- Use the slider to set the playback volume of the medmodule.
Ok	- Assign the last selected option (Action) to the current frame.

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- Cancel                   - Nothing will change.
- Remove                   - Removes the medevent attached to the current frame.

When playing back your animation and you have for example assigned a medmodule event to frame 1, which starts the medmodule, then if your animation loops around it won't start the medmodule again at frame 1 but continuous playing. This should be very handy, if you think otherwise you can ofcourse always assign a stop medmodule event to the frame before it needs to start all over again.

Also don't try to play a trackermodule and a medmodule simultaneously.

## 1.18 Channel Mask

Channel Mask event

This events allows you to mask out audio channels needed by soundsamples stopping the medmodule or trackermodule using them.

Normally when you try to play a soundsample when there is also a med-/trackermodule playing will produce an awful noise. Here you can specify which channels should be masked so a soundsample can be played using these channels. Ofcourse it is also possible to turn channels on again so the med-/trackermodule can use them again.

Don't try to do nasty things like playing a medmodule and trackermodule simultaneously.

## 1.19 Load Script event

Load Script event

This event allows you to load a new AnimatedED script from within another script. NOTE: This only works when playing your scripts using AnimatedEDPlay!

Actually this event shouldn't be an event, it should have been an option in the (animation)prefs window. This because it doesn't necessarily is of influence on the frame this event is attached to. It was easier to code this as an event than rather an option, so that's why I made it an event.

This event deletes the currently playing project from memory and then AnimatedEDPlay starts loading the specified new one. There are several options when this needs to happen.

Tick the checkbox to activate the Load Script event. Now you can select an AnimatedED scriptfile.

There are 3 possibilities when AnimatedEDPlay loads the script:

- When the current frame has been reached.

- When the animation is quitted (by pressing the right mousebutton).  
NOTE: Also if the animation ends this option will execute the Load Script event.
- When the animation has ended (if the animation isn't played in an infinitive loop).

Ofcourse this event can be only attached once to a frame in particular animation. If event already exists and you attach this event another time to a different frame then the previous one will lose it's eventdata.

## 1.20 Prefs

### Prefs

There are 3 pages of options which can be accessed using the cyclegadget. One of the pages contains options for AnimatedED itself only, the other two are of influence on the currently loaded animation. Which means they can't be accessed when no animation has been loaded.

#### Animated Prefs

- Select Display - Allows you to select any screenmode available for AnimatedED to display it's windows on. Screens must be at least 640 x 200 in size.
- Use Workbench - Use the WorkBench screen.
- Show Framenumber - Shows the framenummer of the current frame in the top-left corner when playing your animation or showing a frame.
- Auto-save prefs - Saves the prefs, including windowpositions, when AnimatedED is quitted.
- Save - Saves the above options and all windowpositions to a prefs-file. This file is called AnimatedED.prefs and is located in the same drawer as AnimatedED. At start-up AnimatedED will look for this file and read the prefs if possible.

#### Animation Prefs

- Select Display - Allows you to select a different displaymode for your animation to be played in. Please be careful with this, selecting some displaymodes may cause a software failure.
- Refresh rate - Sets the amount of times the screen is updated per second. On normal PAL-screens this is 50 times ont NTSC-screens this is 60 times. A screenmode like Euro72 for example updates 72 times a second. The Timing is based on this value. So calculating a framespeed based on a PAL screen (50 times) but played on an Euro72 screen

(72 times) isn't very wise.

- Single Palette - Since version 1.2 of AnimatedED different palette per frame animations are supported. Unfortunately on some (non AGA) Amiga's a wrong palette is initialized with some animations. As a default this option is turned on to keep AnimatedED compatible with all Amiga's.
- X Pos & Y Pos - Allows you to set the coordinates at which the animation screen must be displayed. This is useful for Overscanscreens which seem to be displayed wrong most of the time. Negative values are accepted.
- Play anim x times - Sets the amount of times the animation must be played. 0 means an infinitive loop. This option is only of influence when playing your animation with AnimatedEDPlay.
- Can't quit anim - Normally a press of the right-mousebutton will quit the animation. When the checkbox is marked this can't be done. This option is only of influence when playing your animation with AnimatedEDPlay.
- Set password - This allows you to password protect your scripts. You may enter a password up to 10 characters long. The correct password is needed to load the script into AnimatedED. For playback using AnimatedEDPlay the password is NOT required.
- Info requester - This allows you to select an ASCII-text which will be displayed once in a requester before your animation starts. This option only works when playing your animation using AnimatedEDPlay. NOTE: Don't use lines longer than 50 characters. Don't use too many lines of text either, as it otherwise may not fit on (some peoples) WorkBench.
- No looping frames - If your animation doesn't contain looping frames you'll notice the last 2 frames of your animation are missing. If this is the case tick this box or even better add looping frames to your animation. See LoadAnim for more information.
- Animation Prefs
- Directory paths - Here it shows all the directories and filenames of the animation, soundsamples, tracker module and medmodule which AnimatedED needs to load a script. I think it's wise to make a backup of your original script before changing any paths or filenames in the options-menu.
-



NOTE: You can change the filenames of samples, trackermodule and the animation, but please be careful, as if you accidentally specify a wrong file AnimatED will probably crash. Also notice that you can't change the animation itself! This should always be the same file when loaded the first time in AnimatED using the LoadAnim button.

## 1.21 Cont Anim

Cont Anim

This option will start your animation from the frame currently displayed. It will take notice of any rate-events which may have occurred before that frame. It won't however continue sound/tracker-events which may still be heard when running from the beginning of your animation. Press the right-mousebutton to quit back to the editor.

## 1.22 Start Anim

Start Anim

Surprise surprise, this option will actually play your animation from frame one. Press the right-mousebutton to quit back to the editor.

## 1.23 Show Frame

Show Frame

Shows the current frame. You can quit back to the mainscreen by pressing the right-mousebutton. Pressing the left-mousebutton will show the next frame. If 'Show framenummer' is selected in the Options-window the framenummer will be displayed in the top-left corner of the screen.

## 1.24 Unload Project

Unload

You will be asked to confirm this option, which will delete the current project from memory. So be sure you have saved you're scipt before selecting this option. Otherwise all data will be lost.

## 1.25 AnimatEDPlay

## AnimatEDPlay

Your Finished productions can be easily played back in real time. Record onto video tape or distribute your production on disk, using the freely provided, distributable AnimatEDPlay.

You can start AnimatEDPlay from the CLI, by typing:

```
AnimatEDPlay <Return>
```

or from Workbench by double-clicking on it's icon. In both these cases a file-requester will pop up, allowing you to select an Animated scriptfile. You can also start an Animated scriptfile by simply typing the directorypath and filename where you're Animated script is held in the CLI:

```
AnimatEDPlay MYDISK:AEDscripts/greatanim.AED
```

This will load and start your animation directly. It will thus load the necessary files needed to play your animation (ie. the animation itself, soundsamples etc.). At first AnimatEDPlay will look if the volume where they were originally loaded from is available. If it's not it will try to locate the file in the same directory you're script was loaded from. So if you, for example, have saved a script which looks for a file called 'greatanim.anim' in the directory 'ANIMS:mime/' then if this volume isn't available (ie. disk not inserted for example) it will also look for that file in the directory the script was loaded from. This is easy if you, for example, want to play your animation from anywhere you like. Simply copying all the files, needed by your script, to the same directory where your scriptfile was loaded from will guarantee that your animation is played correctly.

Even simpler; also copy AnimatEDPlay to that same directory and now a double mouseclick on the script-icon will run your animation automatically.

If a file can't be found a requester will pop up, asking you to insert the volume where that file can be found. Press Ok if the volume is inserted, press cancel to quit.

If you have selected an ASCII-textfile to be displayed as an intro-requester this will be displayed if the specified text-file is found. If not, nothing will happen and the animation will start playing anyway.

If you have saved your script with a not registered version of Animated a requester will be shown before the animation starts. Please read the section about registering for more information.

If you have set the value of 'Playing x times' in the options-menu of Animated greater than 0, you're animation will be played as many times specified and AnimatEDPlay will quit itself. Otherwise you're animation will be played infinite.

If you have selected the option 'Can't quit animation' in the options-menu of Animated you're animation can't be quitted. Otherwise a press of the right-mousebutton will quit your animation and AnimatEDPlay.

If you are making your own bootable disk, be sure you have copied the 'mathtrans.library' and the 'asl.library' to the LIBS-drawer of your disk.

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Because both these libraries are needed by AnimatEDPlay.

## 1.26 Questions+Answers

### Questions & Answers

Here are some solutions for problems you may encounter.

Q: When my animation has reached the end it loops back to frame 1 but it makes a mess of the display.

A: Your animation doesn't contain looping frames, please read the Options section for more information.

Q: My animation contains 2 frames more than AnimatED counts.

A: This means you're animation don't contain looping frames, please read the Options section for more information.

Q: When I want to loop a sound it doesn't loop but makes some strange noises instead.

A: Use an IFF-sample which actually contains looping-data. You can add looping using any IFF-compatible musicprogram (Soundtracker, Protracker, Med etc.) See also Load~Sound.

Q: AnimatEDPlay won't run.

A: Be sure the 'asl.library' and 'mathtrans.library' are present in the LIBS-drawer of your boot-disk.

Q: The animation isn't displayed in the correct screenmode.

A: Disable any screenpromoters. For example the one in IPrefs, which is in your Prefs-drawer, promotes screens while it shouldn't. Especially overscan screenmodes seem to suffer.

Q: The screen isn't positioned correctly.

A: This happens a lot with overscan screenmodes. First try disabling any screenpromoters and if needed adjust the screenposition by altering the X Pos and Y Pos values in the Options window.

Q: I have plenty free memory left, but I still get an 'Out of Memory' error when I want to load something.

A: Soundsamples and trackermodules can only be played from Chip memory, therefore you may have enough free Fast memory to load the file, but soundsamples and trackermodules do need Chip memory. The animation itself can be loaded in both Chip or Fast memory, this must however be one block of contiguous memory. So it's always important to have a big 'largest free memory block'.

Q: When there is a trackermodule playing than if I want to play a soundsample I can't hear it or get some awful noises instead.

A: In the Sound-event window you can specify which channels should not be used by the trackermodule and therefore are available for soundsamples. You can turn the trackerchannels on later by playing a sample with the 'tracker'-checkboxes turned off.

Q: I want to assign more than one soundsample to the same frame, is this possible?

A: Yes and no. No, because AnimatedED doesn't support this and yes because there are some solutions which can do the trick. You could for example add that same frame right after the original frame and then play these at twice the speed (if possible) the rest of your animation is playing. It will look like just one frame is displayed but it are actually 2 frames and thus 2 possibilities to add a soundsample to the frame.  
Another solution is using a trackermodule. Create a pattern with the samples which should be played and play this pattern using the Tracker-event.

Q: I have changed some filenames and now my script won't load.

A: It wouldn't be too bad if it was just the directorypath that had been changed and not the filename. As both AnimatedED and AnimatedEDPlay will also look for a file in the directory the script is loaded from. See AnimatedEDPlay for more information about this. But if the script needs a file which doesn't exist then it's a different story. You could try to load the scriptfile into a text-editor and change the incorrect filename to one which does exist.

Q: I have saved my script password protected, but now I can't remember the password anymore.

A: Too bad, there is nothing you can do about it.

Q: AnimatedED chrases at start-up.

A: Try deleting the prefs-file, if it exists. Maybe AnimatedED tries to open a screen which isn't available on you system (anymore).

Q: AnimatedED crashes a lot.

A: Try starting Workbench without executing the 'startup-sequence'. Do this by disabling the 'startup-sequence' in your early boot-up control menu (hold both mousebuttons during a reset). If you now boot your Workbench-(hard)disk you'll get straight in the CLI, start AnimatedED from here. Starting AnimatedED this way means there won't be any other programs in the background which could cause troubles with AnimatedED.

Q: HAM and EHB screenmodes aren't displayed correctly.

A: I hope to solve this problem as soon as possible.

Q: My animation is loaded Ok, but all I see is a black screen or wrong colours.

A: I don't know what is causing this. Try to save your animation from different packages to see it if it solves the problem. If not use the Single Palette option from the Prefs-window. This should solve your problem, but unfortunately you won't be able to use animations with a different palette per frame. Anyway, please let me know if you have this problem and tell me what your config is.

## 1.27 Future

Future

Well there are some things I want to add to AnimatedED, for example:

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- Support for OctaMed modules.
- Effects to display/remove a frame.

But it all really depends on how much feedback I get from you! It isn't worth it further developing AnimatedED if only a few people are interested.

Also as soon as I find out there is a cracked copy of AnimatedED or AnimatedED-keyfile then AnimatedED will NOT be further developed.

## 1.28 History

History

\* v1.0

- Internal testversion.

\* v1.1

- Public release 22 february 1997.

\* v1.2

- AnimatedED now supports animations with a different palette per frame (as supported by DPaint and PPaint).
  - Added support for Med-modules.
  - Added the Load Script event.
  - Combined the 'Attach Event' and 'Events' window.
  - Renamed the events.
  - Animations can now be played in a selectable display mode.
  - Separated the Tracker-Mask options from the Sound-event, which now has become an event on it's own.
  - AnimatedED now uses it's own special font, based on Thinpaz/XEN.
  - Changed the arrowbuttons into sliders for the Timing and Freeze Frame events.
  - Completely changed the Prefs window, splitting it into 3 different pages.
  - Added the Auto-save Prefs option to the Prefs window.
  - Added the Refresh rate option to the Prefs window.
  - Added the Single palette option to the Prefs window.
  - Added the Add icon to script option to the Prefs window.
  - Added File-requester buttons to the filepaths in the Prefs window.
  - Added a palette editor for the GUI screen in the Prefs window
  - AnimatedED now remembers where the script was loaded from and gives this directorypath + filename as default when saving the script.
  - AnimatedED and AnimatedEDPlay will now, when a soundsample, trackermodule or medmodule can't be loaded, try to play the animation anyway.
  - Completely changed the format in which AnimatedED saves it's scripts. This makes it easier for me to keep old scripts compatible with new versions of AnimatedED.
  - Coded the ScriptConverter utility to convert AnimatedED 1.1 scripts to the new format.
  - Optimised the existing code a bit and removed some bugs.
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- Added a nice background window...for which I borrowed the idea from MainActor. ;)
- Created an Installer script using the standard Installer program.
- Public release 26 april 1997.

## 1.29 Address

Credits

AnimatedED is written by Marco Vigelius using Blitz Basic 2.

For suggestions and the lot please write me at:

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Special thanks go to Dale Hemenway for testing AnimatedED, giving some really useful advice and suggestions and making the excellent AnimatedED Talking Dog animation.

I also would like to thank Jan Vloemans, because he otherwise weer zit te mieren that I haven't mentioned him. :)

Visit the official AnimatedED homepage for the latetest news, updates and examples of projects created with AnimatedED!

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