NSA-Patch

Niki Murkett

	COLLABORATORS		

	TITLE : NSA-Patch		
ACTION	NAME	DATE	SIGNATURE
WRITTEN BY	Niki Murkett	August 6, 2022	

REVISION HISTORY			

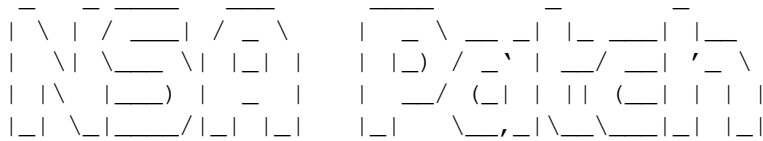| NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

NSA-Patch

1.1 NSA-Patcher By Niki Murkett

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               Version 1.40


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        Copyright, Credz & Greetz

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          What's New in v1.40?!?!
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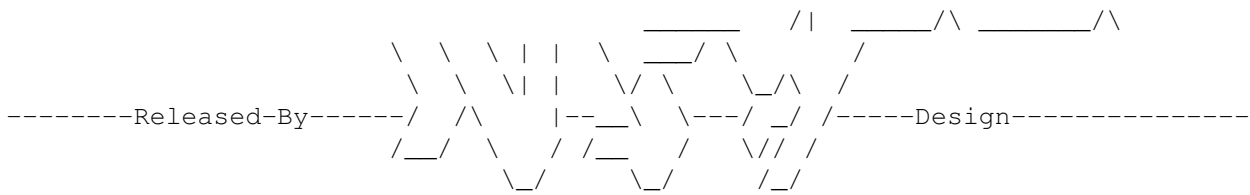
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(If this logo doesn't look right, you need a newer AmigaGuide datatype!)

1.2 Introduction

NSA-Patch is based around an old program I wrote to get AMOS programs to
multi-task with each other...

Since I already had patching routines, I decided to have a go at writing
a patcher to make things run faster...

What this program does is scan a program for any slow maths commands and
replaces them with MUCH faster ones!

Some programs work up to 4 TIMES faster after being patched!!!!!

Just as a quick example:

Worms:DC - 42 Speed hits!
Photogenics - 1,254 Speed Hits!

1.3 System Requirements

Only the basics are needed to run this proggy !

Any Amiga with OS2.04+ and enough memory to hold the exe file to patch.

You also need reqtools.library in LIBS: , this isn't included with this
archive as everyone should have a copy of it by now anyway!

1.4 Installation

The easy bit :^)...

Just copy the NSA-Patch.exe file to C:

Or wherever you want to install it really :)

I decided not to use a installer script cos it's only 1 file :)

Even a PC user could manage it :)

If any of you are wondering why I added a .exe to the end of the file name
then it's because several viri do not infect any file that has a . in the
name!

This file has been check with VT v2.98 & VirusZ II v1.39.

1.5   Using NSA-Patch

NSA-Patch is a CLI ONLY Proggy...

If started from the CLI, it takes 1 filename to patch.

eg.. NSA-Patch.exe Myfile

If you've started it from the the CLI without a filename then it'll bring
up a multi-select file requester so you can choose which files you want to
patch :)

Selecting a directory & clicking on 'All' is probably what most people will
use!

After you've given it a list of files to patch, you'll see a Scanning
message, this is where it checks to see if the file is an amos executable!
AMOS Files can't be speed patched for some reason...

You'll then see a progress bar when it's actually patching for real :)

If the file is a compiled AMOS one, it'll remove the task switching code
from it, so it CAN'T tell any amos programs in memory to lock up!

If the program isn't an AMOS file, then it'll hunt down any slow maths
commands to try and speed them up! :)

Please note: A minority of files just don't like being patched!.. NSA-Patch
has been designed to recognise some of them, but always make sure you have
backups of your files!

When finished, NSA-Patch creates a log of it's actions in RAM:NSA-Patch.log
so you can double check what it did...

What files Can I Patch?
~~~~~~~~~~~~~~~~~~~~~~~~

Any Amiga executable program!!!.. Also you can patch libraries & devices
too :)

What Can't I Patch?
~~~~~~~~~~~~~~~~~~~~

Any files with AMOS in the filename, Assembler & dissassembler files,

non-exe files (Obviously).

This patcher has been completely tested!!!!

I've patched EVERY exe file on my HD and it's still working :)

I think that's about it now :)

(Read the credz & greetz :))

1.6 Copyright, Credz & Greetz

NSA-Patch is Copyright © 1997 NSA Design

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  RG18 3FG
  ENGLAND

NSA-Patch is free-ware, but if you want to send any gifts as a thankyou,
feel free! :)))

Support BBS's!

Redrum BBS - Node 1: +44 [0]1635 826720 24Hrz, Max Speed 33.6K
           - Node 2: +44 [0]1635 827203 24Hrz, Max Speed 14.4K
           - Node 3: +44 [0]1635 PRIVATE - Publicly online soon!
        SysOp: Niki Murkett

Redrum BBS is the most popular Amiga only BBS in the south of England!
Give it a call sooon!

```
sUB-bASS   - Node 1: +44 [0]1473 412842  24Hrz, Max Speed 14.4K
           SysOp: Techn!x


cRANBERRY  - Node 1: +44 [0]1488 608698  24Hrz W/E ONLY!, Max Speed 14.4K
           SysOp: Leigh Russ
```

-=

Greetz to...

Jacknife, !n5ane, Perk, Dr. X, Ghandi, Skittle, Roger Wilco, Mos, Luigi,
Ozz, Bradman, Techn!x, Everyone on FLuFFy NeT, Jon Ellis, Phil Saunders,
Dave Buckley, Def Base, The Key, Simba, Ade, Cool96, Mr Tickle, Zapp,
Gribbet and all the others I forget about when writing greetz :)

Also to Steve Clack for very long chats :) & Glen Martin from GREMLiNS BBS
for being the only person I know nutty enough to call half way round the
world for a chat :)

1.7 Distribution

This program & related doc files are copyright!

Do what you want with it tho :)

Spread it around the world a few times :)

If any magazines wish to place NSA-Patch on a cover disk/CD, then feel free
to :)

A copy of the magazine would be appreciated tho!!! (HINT HINT!)

1.8 Disclaimer

Usual stuff applies, u use it at your own risk etc. etc.

Just don't blame me if it shags up your HD, gets your wife pregnant,
runs the dog over, turns the moon blue etc...

It is very safe tho :)

PLEASE REMEMBER!

You will be altering a normally copyrighted executable file!
Using this patcher will probably break any warranty agreement between
you and a software publisher!

You have been warned.

1.9   What's new in v1.40?!?!?!?!?

The patching routines in v1.40 are now EVEN FASTER!! and more intelligent!

You'll find that more programs are now rejected by the patcher routines, but
whatever is patched can now run up to 6 times faster than before!!!

Also, the command line handler is now fixed to remove "'s from the filename
so you can run NSA-Patch from a Dopus button.

None of the releases have made it to the aminet so far... Either they've
all gone 'missing' or Urban Muller is just ignoring them... If this one
doesn't get put on there, then a lot of people will just lose out :(