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terse for PCs (Windows, AIX, Linux)

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terse for PCs (Windows, AIX, Linux)

by [dedvg158-2](#) Sep 17, 2008; 07:15am :: Rate this Message:    - Use ratings to moderate (?)[Reply](#) | [Print](#) | [View Threaded](#) | [Show Only this Message](#)

Hi all folks,
I spend some time to find "**terse**" for my **PC** (Mac) and I find outdated links **only**. But I find some files **on** my disk and **on** some old floppy disks.

I put all the "**terse**" files/programms to an archive and post the "**tersepc.zip**" file to the Hecules download area.

Maybe, someone is interesting in this nice/old tool,
Lutz

p.s.

The "**tersepc.zip**" archive file contain the following versions,
use the file fitting your plattform (rename the file to **terse** or **terse.exe**). I put a help file to the archive, see "**terse.txt**".

DOS -> **tersedos.exe**

OS/2 -> **terse16.exe**, **terse32.exe**

AIX/6000 and AIX/2 -> **terseaix**, **terseaix.intel**

Windows 2K, XP, 2K3 -> **terse.exe**

Linux -> **terselinux**

Mac OS X -> **terse.ppc**, **terse.intel**

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Re: terse for PCs (Windows, AIX, Linux)

by [rptv2003](#) Sep 18, 2008; 11:53am :: Rate this Message:    - Use ratings to moderate (?)[Reply](#) | [Print](#) | [View Threaded](#) | [Show Only this Message](#)

--- In hercules-390@..., "dedvg158" <lutz.mader@...> wrote:

>

> I spend some time ...

>
 > I put all the "**terse**" files/programms to an archive and post the
 > "**tersepc.zip**" file to the Hecules download area.
 >
 > Maybe, someone is interesting in this nice/old tool,
 > Lutz
 >

Thanks, Lutz.

May I ask about the availability of the source code and the license terms of these programs?

Re: Re: terse for PCs (Windows, AIX, Linux)

by [Paul Raulerson](#) Sep 19, 2008; 01:57pm :: Rate this Message:    - Use ratings to moderate ([?](#))

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Can I add a question? What is **terse**? -Paul

On Thu, Sep 18, 2008 at 11:53 AM, rptv2003 <rptv2003@...> wrote:

> --- In hercules-390@... <hercules-390%40yahoogroups.com>,
 > "dedvg158" <lutz.mader@...> wrote:
 > >
 > > I spend some time ...
 >
 > >
 > > I put all the "**terse**" files/programms to an archive and post the
 > > "**tersepc.zip**" file to the Hecules download area.
 > >
 ... [[show rest of quote](#)]

[Non-text portions of this message have been removed]

Re: Re: terse for PCs (Windows, AIX, Linux)

by [Massimo Biancucci](#) Sep 19, 2008; 02:09pm :: Rate this Message:    - Use ratings to moderate ([?](#))

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TERSE is a "standard" compress utility **on Mainframe** environment.

Mainly is a main program name TRSMAN that you can submit in order to compress input datasets (PS or PDS and much more).

Starting z/OS 1.9 the utility was changed to manage VBS datasets too (but there're retrofit for 1.8 and 1.7).

The output file is a standard 1024 FB record (if I'm not wrong).

In my opinion it's the best way to move data between MFs if you need to use a **PC** bridge.

Main reason is that you don't have to care about original file format as using FTP (**only** 1024 FB).

The utility "PACK" or "**UNPACK**" the input dataset.

Lots of documentation **on** IBM sites.

Best regards.

----- Original Message -----

From: Paul Raulerson <paul.raulerson@...>

To: hercules-390@...

Sent: Friday, September 19, 2008 8:57:39 PM

Subject: Re: [hercules-390] Re: **terse** for **PCs** (Windows, AIX, Linux)

Can I add a question? What is **terse**? -Paul

On Thu, Sep 18, 2008 at 11:53 AM, rptv2003 <rptv2003@yahoo. com> wrote:

> --- In hercules-390@ yahoogroups. com <hercules-390% 40yahoogroups. com> ,

> "dedvg158" <lutz.mader@ ...> wrote:

> >

> > I spend some time ...

>

> >

> > I put all the "**terse**" files/programms to an archive and post the

> > "**tersepc.zip**" file to the Hecules download area.

> >

... [[show rest of quote](#)]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

Re: Re: terse for PCs (Windows, AIX, Linux)  

by [Tony Harminc](#) Sep 19, 2008; 03:02pm :: Rate this Message:    - Use ratings to moderate ([?](#))

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2008/9/19 Paul Raulerson <paul.raulerson@...>:
> Can I add a question? What is **terse**? -Paul

Terse is an IBM implementation of the algorithm sometimes called LZW (where the W may stand for either Welch or Wegman). It seems that two essentially identical extensions to the LZ (Lempel-Ziv) algorithm were patented at around the same time (says lots about the quality of the US patent office's prior art search), and it happens that both "inventors" have the initial W. Wegman's patent was assigned to IBM, and Welch's to Unisys. Both companies apparently made money by licensing their patents to modem makers and the like. Both patents have now expired.

More specifically, **terse** implements an IBM-specific packaging of LZW, with conventions for encoding various types of files and datasets. IBM provides a z/OS implementation under the name TRSMAIN, and more recently a supported version under the name AMATERSE. IBM has also written somewhat compatible versions for other platforms, and there is no reason anyone couldn't write **one** for any platform. No reverse-engineering of IBM code would be necessary; the algorithm is reasonably well documented, and the encapsulation is not complex. And as I said, the patents have expired.

Tony H.

Re: terse for PCs (Windows, AIX, Linux)  

by [kerravon86](#) Sep 19, 2008; 05:59pm :: Rate this Message:    - Use ratings to moderate ([?](#))

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--- In hercules-390@..., Massimo Biancucci <mad4zos@...> wrote:

- >
- > **TERSE** is a "standard" compress utility **on Mainframe** environment.
- >
- > Mainly is a main program name TRSMAIN that you can submit in order to compress input datasets (PS or PDS and much more).
- >
- > Starting z/OS 1.9 the utility was changed to manage VBS datasets too (but there're retrofit for 1.8 and 1.7).
- >
- > The output file is a standard 1024 FB record (if I'm not wrong).
- >
- > In my opinion it's the best way to move data between MFs if you

need to use a **PC** bridge.

>

> Main reason is that you don't have to care about original file format as using FTP (**only** 1024 FB).

That's the first time I've heard someone say that. Can you tell me why you think this is better than XMIT, and why in the past XMIT is what everyone has suggested using, and also says, IS used for real transmissions?

BFN. Paul.

Re: Re: terse for PCs (Windows, AIX, Linux)

by [MartinT2](#) Sep 20, 2008; 01:51am :: Rate this Message:    - Use ratings to moderate ([?](#))

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Paul,

Massimo gave quite a complete description of **TERSE...one** little extra:

Because VSE never had PDS with other than 80 bytes as LRECL for the member- the problem **terse** solves never showed in VSE. There have been attempts by IBM to establish a **TERSE** counterpiece in VSE- but it never made it. So: there is nothing that would stop you to use a **TERSE on** VSE, but you have to really look very hard to find **one**.

--

Martin

--

XML2PDF - create PDFs from within z/VSE or z/OS; more at <http://www.pi-sysprog.de>

Re: terse for PCs (Windows, AIX, Linux)

by [dedvg158-2](#) Sep 20, 2008; 04:35pm :: Rate this Message:    - Use ratings to moderate ([?](#))

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Hi,

> May I ask about the availability of the source code and the license
> terms of these programs?

The "**terse**" program was shipped by Advantis, IBM in 1994 for OS/2, DOS and AIX.

I put all this "**terse**" Version into my archive.

I'm am interesting in the amaterse compatible source code too, but I can't find a source. I add a Linux and Windows Version to the archive too.

By, Lutz

Re: terse for PCs (Windows, AIX, Linux)

by [dedvg158-2](#) Sep 20, 2008; 04:55pm :: Rate this Message:    - Use ratings to moderate ([?](#))

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Hi Paul,
no problem, XMIT files are very useful to ship/transfer files to an other system.

> That's the first time I've heard someone say that.
> Can you tell me why you think this is better than
> XMIT, and why in the past XMIT is what everyone
> has suggested using, and also says, IS used for
> real transmissions?
>
> BFN. Paul.

All the time you send data/dumps or something else to IBM (**ONTOP**, IBMLink), IBM pleased you (in EMEA) to use a **TERSED** file format, also I use it.

In general AMATERSE/TRSMAN is available for z/OS, since several years.
And I think **TERSE** is available for VSE and VM, too.
I use TRSMAN/AMATERSE to compress Log Files and Dumps. The **tersed** Log Files can translated from EBCDIC to ASCII with the nice Advantis/IBM programs **on a PC**.

Bye, Lutz

Re: terse for PCs (Windows, AIX, Linux)

by [peter flass](#) Sep 21, 2008; 08:02am :: Rate this Message:    - Use ratings to moderate ([?](#))

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--- In hercules-390@..., "kerravon86" <kerravon86@...> wrote:

>
> --- In hercules-390@..., Massimo Biancucci <mad4zos@>
> wrote:
> >

> > **TERSE** is a "standard" compress utility **on Mainframe** environment.
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 > > Mainly is a main program name TRSMAIN that you can submit in order
 > to compress input datasets (PS or PDS and much more).
 > >
 ... [[show rest of quote](#)]

IBM uses **Terse** to distribute SMP/E sysmods downloaded via FTP. From a file transfer POV, it's nice to have something do the EBCDIC<->ASCII translation. Too bad they don't support codepages 1047(E) and 850(A), or that the source isn't available.

Re: Re: terse for PCs (Windows, AIX, Linux)

by [Fard mctater](#) Sep 22, 2008; 08:47pm :: Rate this Message:    - Use ratings to moderate ([?](#))

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<There have been attempts by IBM to establish a **TERSE** counterpiece in VSE- but it never made it.>

Not sure what you mean by "it never made it". **Terse** does exist **on** VSE - it can be used to compress library members -- I have used it to do that.

--- **On** Sat, 9/20/08, Martin T2.. <Martin@...> wrote:

From: Martin T2.. <Martin@...>
 Subject: Re: [hercules-390] Re: **terse** for **PCs** (Windows, AIX, Linux)
 To: hercules-390@...
 Date: Saturday, September 20, 2008, 2:51 AM

Paul,

Massimo gave quite a complete description of **TERSE...one** little extra:

Because VSE never had PDS with other than 80 bytes as LRECL for the member- the problem **terse** solves never showed in VSE. There have been attempts by IBM to establish a **TERSE** counterpiece in VSE- but it never made it. So: there is nothing that would stop you to use a **TERSE on** VSE, but you have to really look very hard to find **one**.

--

Martin

--

XML2PDF - create PDFs from within z/VSE or z/OS; more at

<http://www.pi-sysprog.de>

[Non-text portions of this message have been removed]

Re: Re: terse for PCs (Windows, AIX, Linux)

by [Dick perv](#) Sep 24, 2008; 05:07am :: Rate this Message:    - Use ratings to moderate ([?](#))

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Paul,

Think of PKZIP for **mainframes**, but with a different output format, hence the different versions for non-**mainframe** machines.

Richard

On Sat, Sep 20, 2008 at 2:57 AM, Paul Raulerson <paul.raulerson@...>wrote:

> Can I add a question? What is **terse**? -Paul
 >
 > **On** Thu, Sep 18, 2008 at 11:53 AM, rptv2003 <rptv2003@...<rptv2003%40yahoo.com>>
 > wrote:
 >
 > > --- In hercules-390@... <hercules-390%40yahoogroups.com><hercules-390%
 > 40yahoogroups.com>,
 >
 > > "dedvg158" <lutz.mader@...> wrote:
 ... [[show rest of quote](#)]

[Non-text portions of this message have been removed]

Re: terse for PCs (Windows, AIX, Linux)  

RE: TERSE FOR PCs (WINDOWS, AIX, LINUX) | 

by [dedvg158-2](#) Sep 26, 2008; 10:35am :: Rate this Message:       - Use ratings to moderate ([?](#))

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Hi, yes,
terse does not support this code page translation.

> IBM uses **Terse** to distribute SMP/E sysmods downloaded via FTP. From a
> file transfer POV, it's nice to have something do the EBCDIC<->ASCII
> translation. Too bad they don't support codepages 1047(E) and 850(A),
> or that the source isn't available.

Advatis/IBM start writing this tool in 1994, I think no **one** was aware
of OMVS/UUS in 1994. This is the reason I'm interesting in the new
source code. **Terse** does not handle some functions are available with
AMATERSE.

Bye, Lutz

p.s.
BTW, **terse** does not handle the new euro code pages too.

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