

README

COLLABORATORS

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Chapter 1

README

1.1 SuperTags & QuickTags, v2.00 ReadMe File by Dotoran of Frontiers!

```
#####                               #####
##      ##                          ##
##                                           ##
#####  ##  ## #####  #####  ## #####  ##  #####  #####  #####
      ## ##  ## ##  ## ##  ## #####  ##  ## ##  ## ##  ## ##
      ## ##  ## ##  ## #####  ##      ## ##### ##  ##  #####
##      ## ##  ## ##  ## ##  ## ##  ##      ## ##  ## ##  ##  ##
#####  #####  #####  #####  ##      ## ##  ##  #####  #####
      ##                                           ##
      ##                               #####
```

Enter the SuperTags Table of Contents

Jump to History, Programmers Notes, Help Guide!

1.2 SuperTags/QuickTags v2.00 Table of Contents

What Is SuperTags?

~~~~~

If you're not familiar with a tagline program, basically what one does is to take a short text comment and add it to the end of any text messages you or your users create. This "tag" is located directly after the body of the message, and can come either BEFORE or AFTER any signature files that may exist.

This program, however, is anything BUT "basic". Read on to find out how to install this program into your bulletin boards.

INSTALLING FOR FIRST TIME  
HOW DOES SUPERTAGS WORK?  
GETTING MORE SUPERTAGS SPEED  
SUPERTAGS ACKNOWLEDGEMENTS

UPGRADING FROM SUPERTAGS V1.70  
WHAT SHOULD I NOT DO YET?  
OTHER INFORMATION OF NOTE!  
CONTACTING THE AUTHOR; DOTORAN

### 1.3 How to INSTALL SuperTags/QuickTags v2.00 for the FIRST time!

How Do I Install It?

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There are numerous steps you need to do to insure a proper installation of this program, so take your time and you'll be done before you know it:

- 1: There are two main directories used by this program. One is the location for all command files, while the other is the location of the actual tag line listing files. You'll find a file called "SuperTags.cfg" within this archive. This file contains information used by the program in order for it to do it's job. This file MUST be placed in your PFILES: root directory as all command files are hard-coded to find it at that location.

As given in this archive, the two directories used are:

```
pfiles:SuperTags/          (Where the COMMAND FILES are stored)
pfiles:SuperTags/TagData/  (Where the TAGLINE FILES are stored)
```

If it's not a problem for you, I suggest you simply copy the SUPERTAGS directory right into your PFILES: path and be done with it, however if you'd like to store the files elsewhere, you may, but you'll need to edit the two paths in the "SuperTags.cfg" file, so the program will know where to get it's files and data.

For the remainder of this installation procedure, we'll assume you'll be placing the directory right in PFILES:. Change any paths given to your alternate location if need be.

- 2: You should now use the "CleanUp" program, located within the "SuperTags/" directory to insure each user's mail directory doesn't contain an older version config file. You can load this file into a text editor and change the values of some variables to tell it what TO and what NOT to delete. By default, it will delete any existing "FTagPrefs" files, which are used by the ForceTag program, if you happened to be using that program prior to using SuperTags. If, after you've tried it for awhile, you decide you do not wish to use SuperTags anymore, edit the "st" variable within this file and it will also delete existing "_SuperTags" files it finds.

You can run the CleanUp program, either by using one of those RUN commands that lets you run ARexx pfiles, or else manually adopting it into your PFILES area. It's an ARexx PFile, so should be added as such.

This cleanup process will take a couple minutes, depending on how many user accounts you have online.

- 3: Load your BBSTEXT file into a text editor, then ADD the following to the BEGINNING of lines 218, 299, 400 and 478. The changed lines should then look like these:

```
218:      {#0pfiles:SuperTags/ST.Loader}\nMail filing...
      ^                               ^
299:      {#0pfiles:SuperTags/ST.Loader}\nFeedback filing...
      ^                               ^
      Control-Q                      Control-Y
```

```

400:      {#0pfiles:SuperTags/ST.Loader}Post filing...
      ^
478:      {#0pfiles:SuperTags/ST.Loader}Response filing...
      ~
      Control-Q

```

NOTE: It is NOT necessary that you add this to ALL of the lines above. Only add it to those lines where you'd like the ability to add a tagline too.

- 4: Now add the following to the BEGINNING of lines 770 and 776 of your BBSTEXT file:

```

770:      {#0pfiles:SuperTags/QWK 1}\nlProcessing: %s\nl
      ^                               ^               ^----> Control-Y
776:      {#0pfiles:SuperTags/QWK 0}\nl%d file(s) proc... etc.
      ^                               ^
      Control-Q                       Control-Y

```

These additions will DISABLE SuperTags in the event a QWK-Message Packet was uploaded, instead of SuperTags trying to add a tag to each and every message that comes out of the QWK packet.

Save your BBSTEXT file.

- 5: Load your BBSMENU file into a text editor, then go to the bottom of Menu # 2; Available Everywhere and ADD these two lines:

```

TAGS      '1- | {#0pfiles:SuperTags/Config}
TAGSM     '31 | {#0pfiles:SuperTags/Maint}
          ^
          Control-Q

```

The TAGS command should be given to ALL users whom you wish to be able to use taglines. The TAGSM command should ONLY be given to those users whom you wish to give MAINTENANCE access to, when using SuperTags.

Save your BBSMENU file, then reload both text files by pressing RAMIGA-T.

- 6: Load up your CNet Config file, then enter the "Events..." screen. Create the following as a NEW event:

```

Command    : RunARexx
Args       : pfiles:SuperTags/AMaint
[port(s)]  : 0           (or whatever works for you)
Type       : Immediate--force system idle
Days       : Check ALL SEVEN
Time       : 300         (this is 3AM, but whatever works)
Valid      : 100         (tries to run between 3AM and 4AM; 1 Hour)
Interval   : 0           (none needed, as we only run it once a night)
Iterate    : 1           (again, run it ONCE a night)

```

Remember to ADD the Event, BEFORE you hit the OK button, or else it WON'T be saved!

- 7: Because this program will take on the responsibility of appending a user's Signature File to the message, it will be necessary for you to DISABLE

Note, that you MUST be running v1.70 to do the upgrade. NO EARLIER STags versions are supported with these conversion steps!

- 1: First, DELETE the _SuperTags config files from your user's mail dirs. This can be accomplished in one of two ways:

- You could load the "CleanUp" file, located in the SuperTags/ directory of this archive, then set the "st" variable to "1". You would then RUN the file as an ARexx pfile from within your CNet Amiga BBS.
- You could also open a CLI/Shell window and type this command:

```
delete mail:users/#?/_SuperTags
```

- 2: You should now DELETE the INDEX files you are presently using, however keep the actual LIST files you are using intact. From a CLI, you can type this command:

```
delete pfiles:SuperTags/TagData/#?.ndx
```

NOTE: You may need to adjust the path above, if you chose to store the TagData/ directory somewhere other than "pfiles:SuperTags/".

- 3: You will need to change the launch command(s), located on lines 218, 299, 400, and 478 of your BBSTEXT file. Presently, you'll note you're loading the "SuperTags" file on these lines. You need to CHANGE the "SuperTags" word found on these lines to "ST.Loader". A correctly converted line will look like this:

```
{#0pfiles:SuperTags/ST.Loader}  
^  
Control-Q
```

NOTE: The LOADER determines which versin of SuperTags to load, either the QuickTags Module or the full-blown SuperTags Module.

- 4: You should now COPY ALL FILES FOUND IN THIS ARCHIVE ON TOP OF THE OLDER 1.70 VERSION FILES YOU ARE PRESENTLY USING!

NOTE: Existing taglists will be replaced with newer versions, while any unique taglists you may have are left intact.

- 5: There are two LHA archives contained in the "supertags.lha" archive:

```
pfiles:SuperTags/Help/HELP.LHA  
pfiles:SuperTags/TagData/TAGDATA.LHA
```

You need to unpack(unLHA) these archives directly into these directories. If you're not sure how to do this, you can type these commands into an open CLI/Shell window:

```
lha -m x pfiles:SuperTags/Help/HELP.LHA pfiles:SuperTags/Help/  
|   |   |  
`---^----- SPACES -----'
```

```
lha -m x pfiles:SuperTags/TagData/TAGDATA.LHA pfiles:SuperTags/TagData/
```

```
|   |   |
|_--^--^----- SPACES -----|
```

NOTE: There are ONLY FOUR spaces on these lines. Do not include others!

NOTE: The "-m" option turns off querying, so that files contained within these archives will automatically REPLACE files with the same name that may already exist on your system.

- 6: You will want to ADD any unique taglists you may be using to create the new index files used by v2.00 SuperTags. There are over 100 TagLists in this newest version!
- 7: The "SuperTags.cfg2" file is no longer used by SuperTags, so you should DELETE this file. (It's stored in "pfiles:SuperTags/" by default). You should now use the TAGS and TAGSM commands to recreate your user config and system config files, pertaining to which lists your users have access to, as well as the different toggle settings each base may be using.
- 8: That should be it! Please, if I neglected to remember anything, please let me know ASAP! :-)

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1.5 How does SuperTags/QuickTags WORK exactly?!?

How's It Work?

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I suggest, once you've completed the installation process above, that you try out the two commands TAGS and TAGSM. The TAGS command will load the SuperTags Config program. This is the file all users have access to. Once loaded, hit the letter "H" for HELP on how to use that program. I won't discuss it in this file.

The TAGSM command loads the SuperTags Maintenance Module. This is the file you'll use to change different settings for each of the included tag lists, as well as adding NEW lists or deleting OLD lists. Use the "S"can command to totally re-read the files located in the "TagData/" directory. Use the "C"onfig command to change the PATHS used to store both the command files (SuperTags/) and the TAGLINE LISTS (TagData/) paths. You may need to MANUALLY edit these paths using a text editor if this is the first time you are using the program and you wish to store the files somewhere OTHER than these paths:

```
SuperTags Command Files:    pfiles:SuperTags/
SuperTags TagLine Lists:    pfiles:SuperTags/TagData/
```

The Maint Module also uses a HELP SYSTEM similar to the one used in the main Config file. Press "H" once you're in the maintenance module to get more help on what the different commands within that file do.

The AMaint module looks for the existence of files ending in ".new" in the "TagData/" directory. If found, they are then appended to the base tag list, then sorted, dupe checked and a new copy of both the index and data file are produced.

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## 1.6 Read the following, before playing inside the TagData/ Directory!

What Should I NOT Do?

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Do NOT add any other files to the "TagData/" directory, until AFTER you have read the following paragraphs:

There are three types of files located in the "TagData/" directory:

- <filename> - This is the MAIN TagLine Data File. It is a standard text file, containing one tagline per line. The lengths of tags should not exceed 78 characters.
- <filename>.ndx2 - This is the index file for the above main tagline data file. It holds the START location for each tagline found in the main file, WITHOUT having to pad out each tagline with a set number of spaces. This keeps the SIZE of the main tagline data file from becoming HUGE. The index also stores data pertaining to which letters tags start with, as well as which tag to use next randomly.
- <filename>.new - Contains user added taglines, which will be added to the main file above during next run of automaintenance.

When you use the "S"canDir command in Maint, this directory is scanned and ALL FILENAMES that do NOT end in ".ndx2" or ".new" will be taken to be data files containing taglines. To add a list of your own tags, create the data file, one tag per line, each NOT to exceed 78 characters, then copy it to the "TagData/" directory. You can then use the "A"dd command to add just that one NEW tagline directory. The accompanying ".ndx2" file will then be created by the Maint file itself. The ".new" files are deleted each night during automaintenance, so you shouldn't be seeing these files very often.

If you'd like to edit one of the existing tagline lists, simply load it into a text editor and make whatever changes you deem appropriate, HOWEVER, you must REBUILD the Index File for this list AFTER you have saved it back to disk. This MUST be done, REGARDLESS of what changes you made. By this, I mean that even if all you do is slightly change the wording of one of the taglines, the Index File STILL needs to be rebuilt, because unlike the text file BBSTEXT, not only does the NUMBER of lines matter, but the LENGTH of each line matters. The Index File is created BASED ON the LENGTH of each line, AS WELL as how many taglines are found in the listing.

Lastly, keep in mind that the FILENAME you use for any given tag list will ALSO be the name the user see's most often when using SuperTags, so you should name the file appropriately.

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1.7 What you can do to get more SPEED out of SuperTags v2.00?!?

Getting More Speed Out Of SuperTags?

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Depending on the number of lists defined, and the number of tags found in the list to be used, it could take up to 5 seconds for SuperTags to do all of it's work.

Some more changes were made internally to decrease this time even more, if it was found that the Tags were not to be used with this message, but there are a couple things you can choose to do yourself to help keep the speed up:

- The MORE lists you offer your users, the SLOWER SuperTags will be.
- Try to encourage your users to create the Custom Chosen Lists settings, instead of choosing from ALL the lists. If you offer 50+ lists, but the users choose only 5 of them, the speed increase will be shown even more.
- Lastly, if they can do it, encourage the users to ONLY use the CHOSEN TAGS listing(the 20 item list). This is the FASTEST way to use SuperTags as it only has to choose 1 of 20, versus 1 of 700+ etc.
- v2.00 of SuperTags offers the users the ability to use QuickTags. This is by far the FASTEST way to use SuperTags, so encourage users to pick their favorite list, then activate QuickTags, if speed poses a problem for them while online(perhaps for your Long Distance users)

Someone asked about copying the lists to RAM: for more speed accessing the tags. You really won't see much of an increase if this were done, because of the way the program locates the tags. The index file allows SuperTags to jump directly to a specified tagline, WITHOUT having to wade through all the tags found before it. Doing it this way will only give you a slight increase in speed, as jumping to a point in RAM versus HD is a miniscule leap in performance. (Besides, by the time the computer finished copying the taglist to RAM, it would already have found the tagline it needed!)

Keep in mind all the things that the SuperTags module has to do, before it can successfully add a tagline. A large majority of these "checks" are not performed when using the QuickTags(as they're not needed in QuickTags), which is what makes QuickTags just that; QUICK!

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## 1.8 Other Information you might like to read about SuperTags v2.00!

Other Information Of Interest?

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The "dupe-checking" routine I'm using is a bit unique. It has the ability to catch dupes of tags that use the identical wording, yet might use some additional spacing or punctuation. For instance, these two tags are DUPES of one another:

FEE! FI! FO! FUM! "I smell the BLOOD of an Englishman!".

Fee-Fi-Fo-Fum; I smell the blood of an Englishman.

Basically, what I'm doing is the following:

- 1: Strip ALL preceeding AND trailing blanks.
- 2: Remove all punctuation symbols.
- 3: Remove all spaces between words.
- 4: Convert entire string to uppercase.
- 5: NOW, compare the two strings!

So, the above two tags would look like this:

FEEFIFOFUMISMELLTHEBLOODOFANENGLISHMAN

FEEFIFOFUMISMELLTHEBLOODOFANENGLISHMAN

Which would then equate as a duplicate, upon which the latter is discarded.

While not 100% foolproof, it DOES catch numerous dupes that DO pop up that would not be caught if using a simple "100% match" type of checking, of which the above two would NOT be considered duplicates.

To further illustrate that the dupe checking described above could still use some more tweaking, take these two taglines as another example:

....Good things come to those that wait!

Good Things Come To Those That Wait...

If you follow the steps listed above, these two taglines appear to be duplicates of each other, however they actually appear in two separate areas within the entire taglist. The first would appear near the beginning of the list (as the period preceeds the letter "A" in the Ascii chart), while the second tag would appear in the "G" section of the list. The dupe checking used internally simply compares the tag to the one directly BEFORE and AFTER itself. Because of this, the above two tags would remain in the list, even though they were dupes of each other.

Sometime down the road, I'll release a stand-alone dupe checking script that will have the power to catch the above types of dupes as well, however it didn't make it into the v2.00 version.

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1.9 Those I'd like to thank for their input, suggestions, contributions, etc!

Acknowledgments

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I'd like to thank Dan Hiner of Leisure World BBS (713)/859-0902, for asking me to pursue this project. With his donation and ideas, I think I've come up with a really fantastic tagline program. I'd like it known that the whole idea for using separate lists came from Dan, as he told me that's what the (cough/cough) PC boards were doing, and you all know how I just LOVE to

---

see a PC board do something that our CNET can't! Thanks Dan for some GREAT ideas(as well as upping me most of the taglines I've included within this package!) :-)

I'd also like to send out a Thank You to "Dead God" (Les Jenkins) for taking the time to update numerous taglists as well as creating the Dr\_Who listing(which was sparsed throughout various Trek lists). Sorry to any of you Dr. Who fans out there! :-)

One last note of gratitude to Star Gazer(Michael Rudolph) for having copies of v1.0 and v1.1 lying around. If it weren't for him, those areas of the INSTALL script could not have been completed. Thanks Mike!

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## 1.10 How to contact the author with comments, criticisms, etc.!

Is That All?!?

~~~~~

I'm afraid so! :-) If you find fault with any part of this work, please yell at Dan! hehehe No, seriously, if you come across any problems, quirks, etc, please contact me through one of the following means and I'll work as diligently as possible at finding a solution for your woes! hehe :-)

You can reach Dotoran through any of the following channels:

Frontiers BBS : (716)/823-9892 (Send Mail to "Dotoran")

Future World BBS : (313)/982-0639 (Send Mail to "Dotoran")
(313)/982-0838

On the InterNet : Send to "dotoran@buffnet.net"

Through FIDO-Net : Send to "David Weeks@1:260/121.0"

Through CLINK : Send to "David Weeks@911:6840/2.0"

Through ChipsNet : Send to "David Weeks@546:7/1.0"

And By Snail Mail : Send to> David M. Weeks
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- Dotoran