

## **PROGRAMMERS**

<b>COLLABORATORS</b>
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# Contents

<b>1</b>	<b>PROGRAMMERS</b>	<b>1</b>
1.1	Welcome to the SuperTags/QuickTags Programmers Guide! . . . . .	1
1.2	Listing of major variables used in the file. . . . .	1
1.3	Format of the User Config files. . . . .	2
1.4	Format of the Main Listing of Tag Names/Info. . . . .	4
1.5	Format of the Main SuperTags Config file. . . . .	5
1.6	Toggle List of Bases where Graphics are Prohibited. . . . .	6
1.7	Toggle List of Bases where Taglines are Prohibited. . . . .	6
1.8	Toggle List of Bases where Signatures are Prohibited. . . . .	6
1.9	Listing of Available Morph Codes(and What They Do)! . . . . .	6

## Chapter 1

# PROGRAMMERS

### 1.1 Welcome to the SuperTags/QuickTags Programmers Guide!

SuperTags/QuickTags, v2.00 Programmers Guide by Dotoran of Frontiers!

=====

A breakdown of useful information for those interested in modifying the coding involved with the SuperTags file(s):

Variables	- Listing of major variables used in the file(s).
_SuperTags	- Format of the User Config files.
TagLines	- Format of the Main Listing of Tag Names/Info.
SuperTags.cfg	- Format of the Main SuperTags Config file.
ST.NoGraphics	- Toggle List of Bases where Graphics are Prohibited.
ST.NoSignatures	- Toggle List of Bases where Signatures are Prohibited.
ST.NoTaglines	- Toggle List of Bases where Taglines are Prohibited.
Morph Codes	- Listing of Available Morph Codes (and What They Do)!

Information Listed Above for Version 2.00 SuperTags, Dated: 12/25/95!

### 1.2 Listing of major variables used in the file.

Major Variables Used In "SuperTags" File

~~~~~

|                          |                                     |
|--------------------------|-------------------------------------|
| mtype=0 (NetMailSend)    | ; what KIND of text message was     |
| mtype=1 (MailSend)       | ; just created by the user?         |
| mtype=2 (Feedback)       |                                     |
| mtype=3 (Posting)        |                                     |
| mtype=4 (Responding)     |                                     |
| mcion=1 (MCI's Allowed)  | ; Are MCI's allowed within this     |
| mcion=0 (MCI's NOT Used) | ; subbase?                          |
| neton=0 (Local Base)     | ; what KIND of subbase is this?     |
| neton=1 (UUCP Base)      | ; Mail/Feedback returned as LOCAL.  |
| neton=2 (FIDO Base)      | ; Other nets increment beyond value |
|                          | ; of 2. UUCP is ALWAYS 1, even if   |
|                          | ; not being run on your system.     |

---

```

reason=0 Handle (Name)           ; Real Name/Handle setting for this
reason=1 Name (Handle)           ; subbase. Values 0 and 1 will only
reason=2 Handle + Name           ; show the user's Real Name if it is
reason=3 Name + Handle           ; NOT marked as being PRIVATE info.
reason=4 Handles Only            ; Will equal 255 if Mail/Feedback
reason=5 Names Only              ; was created.

stype=0 (Default Signature)      ; This is the signature CNet would
stype=1 (Local Mail/FBack)       ; append to this message if IT did
stype=2 (UUCP Mail)              ; it. The default signature will be
stype=3 (Fido w/ Handles)        ; used if the other one isn't found.
stype=4 (Fido w/ Names)          ; No default? Use Handle/Real Name.
stype=5 (Other w/ Handles)       ; Values 5 and 6 are used in LOCAL
stype=6 (Other w/ Names)         ; message bases if they exist.
                                ; Values 7 and 8 (Upload Desc) NOT
                                ; used, as SuperTags doesn't append
                                ; taglines to file descriptions.

sig=0 (Use NO Signatures)        ; This is the signature setting the
sig=1 (Use Default Sig ABOVE Tagline) ; user chose to use in the SuperTags
sig=2 (Use Default Sig BELOW Tagline) ; Config. It is ONLY used when the
sig=3 (Use Handle/Name ABOVE Tagline) ; text message is a POST or RESPONSE.
sig=4 (Use Handle/Name ABOVE Tagline) ; Mail/Feedback does NOT use this!

qwk=0 (No QWK processing occurring) ; Used to DISABLE SuperTags if text
qwk=1 (QWK processing IS occurring) ; messages are from QWK packets.

pws= {depends}                   ; AreaFix Passwords or NULL String.
subj= {depends}                   ; First Word of Subject Text.

notags= {depends}                 ; No TagLines in these bases.
nosigs= {depends}                 ; No Signatures in these bases.
nograp= {depends}                 ; No IBM Graphics in these bases.

mes=0 (or 1)                     ; Should "disabled" text messages
                                ; be shown to user. (1=Y,0=N).

```

### 1.3 Format of the User Config files.

\_SuperTags <--- User Config File, stored in User's UUCP Mail Directory.  
 ~~~~~

Contains at LEAST five lines. Given are NEW USER DEFAULT values:

First Line: 7?Variety?1?11111?x (4 data items, defined below)

```

7      <-- 0=Disable SuperTags; Do NOT Append a Tag.
        1=Pick Random List, then Random Tagline.
        2=Ask User For List, then Browse Tags.
        3=Pick Random Tag from one of THEIR Lists.
        4=Ask Me For CHOSEN List, then a Tag.
        5=Pick Random Tag from their CHOSEN Tags.
        6=Ask Me About A CHOSEN Tag.
        7=Pick Random CHOSEN Tag OR a CHOSEN List.
        8=Load CONFIG Program.

```

---

9=Use QuickTags Module. (Also Asks for Default List)

Variety <-- Name of List to Pull QuickTags From.

1 <-- 0=Display NEITHER STags Title OR List Name.  
1=Display BOTH STags Title AND List Name.  
2=Display ONLY the STags Title Text String.  
3=Display ONLY the List Name Text String.

11111 <-- Message Type Flags, starting on the LEFT: (0=No, 1=Yes)  
1: Taglines allowed in NetMail Messages?  
2: Taglines allowed in EMail Messages?  
3: Taglines allowed in Feedback Messages?  
4: Taglines allowed in Posts?  
5: Taglines allowed in Responses?

Second Line:

0?.-.||'-'?.-.||'-'?x (3 data items, defined below)

0 <-- 0=Pick Random Border  
1=Use No Border  
2=Shadowed IBM  
3=Single Line Ascii  
4=Single Line IBM  
5=Double Line Ascii  
6=Double Line IBM  
7=Narrow Box Ascii  
8=Narrow Box IBM  
9=Wide Box Ascii  
10=Wide Box IBM  
11=Textured Ascii  
12=Textured IBM  
13=Create Custom Border  
14=(Ascii Version of 13)

.-.||'-' <-- The eight characters that make up the IBM custom border.

.-.||'-' <-- The eight characters that make up the ASCII custom border.  
(This one is only used if Custom Border is chosen, and a  
tagline is used in an area that doesn't allow IBM-chars)

NOTE: Data items on this line separated using a CONTROL-Y character, so  
the Control-A (smiley face) can be used as an IBM Graphic Character.

Third Line:

2?1?1?F?0?C?0?B?0?x (9 data items, defined below)

2 <-- 0=Place No Signatures w/ Taglines.  
1=Place CNet Default Signatures BEFORE Taglines.  
2=Place CNet Default Signatures AFTER Taglines.  
3=Place 'Handle/Real Name' CNet Default BEFORE taglines.  
4=Place 'Handle/Real Name' CNet Default AFTER taglines.

1 <-- 0=Use Random Border, With Tagline Randomly Justified.  
1=Full Sized Border, With Tagline Left Justified.

```

2=Full Sized Border, With Tagline Right Justified.
3=Full Sized Border, With Tagline Center Justified.
4=Custom Sized Border, Left Justified On Screen.
5=Custom Sized Border, Right Justified On Screen.
6=Custom Sized Border, Center Justified On Screen.

1      <-- 0=Use Random Line Format.
        1=Formatted for ONE Line.
        2=Formatted for TWO Lines.
        3=Formatted for THREE Lines.

F      <-- Color of "SuperTags, v1.x xxxx" text.
0      <-- Color of "SuperTags, v1.x xxxx" text BACKGROUND.
C      <-- Color of tagline border characters.
0      <-- Color of tagline border character's text BACKGROUND.
B      <-- Color of tagline text, if no other colors present.
0      <-- Color of tagline text's BACKGROUND if no other present.

```

#### Fourth Section:

```

v1?v2?x <-- Two data values, one junk filler:
          v1 = Number of CHOSEN Lists to follow. (Default=0)
          v2 = Next List to use when randomly selected.
11      /__ Select Tags from ONLY these lists, if value on
1?      \   first line is set to "2".

```

#### Fifth Section:

```

v1?v2?x <-- Two data items, one junk filler:
          v1 = Number of CHOSEN Tags to follow. (Default=0)
          v2 = Next Tag to use when randomly selected.
t1      /_ Select Tags from ONLY these tags, if value on
t?      \   first line is set to "3".

```

## 1.4 Format of the Main Listing of Tag Names/Info.

```

TagLines <--- All Available Tagline Lists. (Stored in SuperTags/)
~~~~~

```

One line per list, formatted as follows:

```

FileName?LongName?LowGroup?Gender?YoungAge?UseMCI?SubBases?x

```

```

FileName - Up to 15 characters in length.
LongName - Up to 40 characters in length. (Used with INFO command).
LowGroup - Lowest Access Group to USE this list? (Between 0 and 31).
Gender    - Which Genders can USE this list? (0=Female,1=Male,2=Both,3=None)
YoungAge  - Youngest Age to USE this list? (Between 0 and 130).
UseMCI    - Are Control-Y MCI's Allowed in list? (1=Yes,0=No).
SubBases  - Can Taglines be used in these TYPES of SubBases? (1=Y,0=N).
            Contains a string of 14 binary digits, starting at the left
            side to correspond with LOCAL Message Base, UUCP Message Base,
            then one each for the 12 possible FIDO bases that can be used
            within CNet. If running FIDO or CLINK, but NOT UUCP, then this
            will be the THIRD digit in this string, NOT the second.
x         - This is a junk filler character to keep above data correctly

```

formatted. (I usually use the "x" character).

## 1.5 Format of the Main SuperTags Config file.

SuperTags.cfg <--- SuperTags Config Data (Stored in PFILES: Directory)  
~~~~~

Presently seven lines in length:

Line 1: v2.00?1?Variety?x

Three data items, plus a junk filler:

v1: Current SuperTags Version Number. Command files will exit if the config file shows an earlier version than the command file.

v2: Use QuickTags Module, instead of SuperTags module?  
(0=No, Use SuperTags, 1=Yes, Use QuickTags, 2=Ask User Instead)

v3: Default Tag Listing to use with QuickTags Module.

Line 2: Path where SuperTags/ directory is located. (All Command Files)

Line 3: Path where TagData/ directory is located. (Contains Tag Lists)

Line 4: Area Fix Passwords, separated by spaces. This line will be BLANK if you don't use AF Passwords (Meaning You have no Networks).

Line 5: 0?1?7?27?0?1?1?x

Seven data items, parsed by ? (Control-A), followed by 1 junk filler:

- 1: (0) CLOSED Flag (Is SuperTags Closed? 0=No, 1=Yes)
- 2: (1) Interpret MORPH Codes in LONG Lists? (0=No, 1=Yes)
- 3: (1) Default New User Tagline Method. (See \_SuperTags Line 1)
- 4: (27) Lowest Access Group to be considered a "Fellow SysOp". This determines which users will also be sent INDEX files when using the GRAB command to download TagLists.
- 5: (0) Should "Disabled" text messages be shown? (1=Yes, 0=No).
- 6: (1) Use Quotable Tags(<=70 char)? (0=No, 1=Yes-Safe, 2=Yes-Trim).
- 7: (1) Title Text (0=None, 1=Title/Name, 2=Title, 3=Name, 4=Ask User).

Line 6: 1?7?0?1?0?0x

Six data items, parsed by ? (Control-A), followed by 1 junk filler:

- 1: (1) Allow Config Menus to use Alternate Menus(!@#) (0=No, 1=Yes)
- 2: (7) Default Config Menu 1 Value. (See \_SuperTags Line 1)
- 3: (0) Default Config Menu 2 Value. (See \_SuperTags Line 2, Item 1)
- 4: (1) Default Config Menu 3 Value. (See \_SuperTags Line 2, Item 7)
- 5: (0) Default Config Menu 4 Value. (See \_SuperTags Line 2, Item 4)
- 6: (0) Default Config Menu 5 Value. (See \_SuperTags Line 2, Item 5)

Line 7: 3?2?0?1?1111111111111111

Five data items, parsed by ? (Control-A). NO junk filler is used:



- 1: Default Value for GLOBAL Lowest Allowable Access Group.
- 2: Default Value for GLOBAL Allowable Genders.
- 3: Default Value for GLOBAL Youngest Allowable User Age.
- 4: Default Value for GLOBAL Use MCI's Ability.
- 5: Default Value for TOGGLE SubBases use.

## 1.6 Toggle List of Bases where Graphics are Prohibited.

```
ST.NoGraphics  <-- Do NOT use 8-Bit IBM type Graphics in These Bases.
~~~~~          (Stored in Command Directory!)
```

This file will contain the "unique directory names" for all subbases you have configured the 8-bit ibm graphics to be DISABLED in. The subbase names appear ONE PER LINE for easy external editing using any text editor.

## 1.7 Toggle List of Bases where Taglines are Prohibited.

```
ST.NoTaglines  <-- Do NOT use Taglines in These Bases.
~~~~~          (Stored in Command Directory!)
```

This file will contain the "unique directory names" for all subbases you have configured NOT to use Taglines in. The subbase names appear ONE PER LINE for easy external editing using any text editor.

## 1.8 Toggle List of Bases where Signatures are Prohibited.

```
ST.NoSignatures  <-- Do NOT use User Signatures in These Bases.
~~~~~            (Stored in Command Directory!)
```

This file will contain the "unique directory names" for all subbases you have configured NOT to use User Signatures in. The subbase names appear ONE PER LINE for easy external editing using any text editor.

## 1.9 Listing of Available Morph Codes(and What They Do)!

The following is a list of SuperTags MORPH Codes supported, as well as other dirivatives you may see in taglists you get ahold of. Please CONVERT any of the "other format" codes into the specified MORPH code on the left.

- Dotoran

| SuperTags | - Description            | - Other Known Formats               |
|-----------|--------------------------|-------------------------------------|
| 1. @RN@   | - Real Name (First Last) | - @N    @TO@                    @N@ |
| 2. @FN@   | - First Name             | - @F    @TF@    @TOFIRST@    @T     |
| 3. @LN@   | - Last Name              | - @L                    @SECOND@    |
| 4. @HA@   | - Handle                 | -                    @US@    @USER@ |

|          |                        |       |        |
|----------|------------------------|-------|--------|
| 5. @DA@  | - Date (MMM, DD YYYY)  | - @D@ | @DATE@ |
| 6. @DD@  | - Date (DD)            | - @D  |        |
| 7. @DM@  | - Date (MM)            | - @M  |        |
| 8. @DY@  | - Date (YY)            | - @Y  |        |
| 9. @TI@  | - Time (HH:MM)         | - @T@ | @TIME@ |
| 10. @TH@ | - Time (HH)            | -     | @HOUR@ |
| 11. @TM@ | - Time (MM) [New?]     |       |        |
| 12. @MT@ | - Message Title [New]  |       |        |
| 13. @MA@ | - Message Author [New] |       |        |