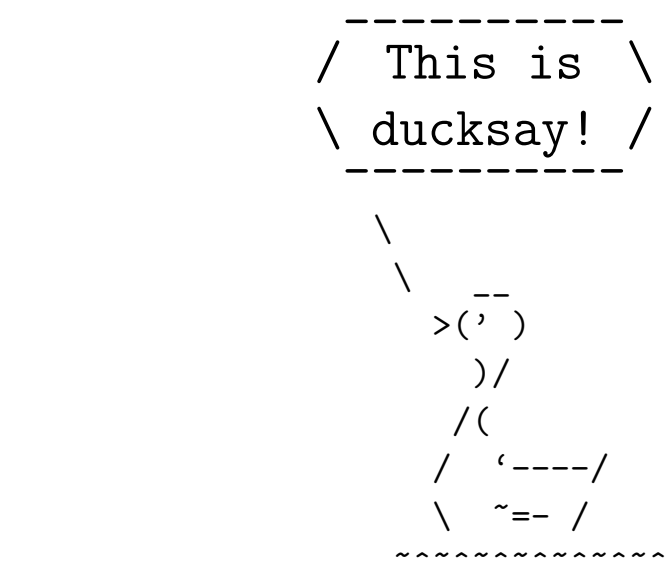
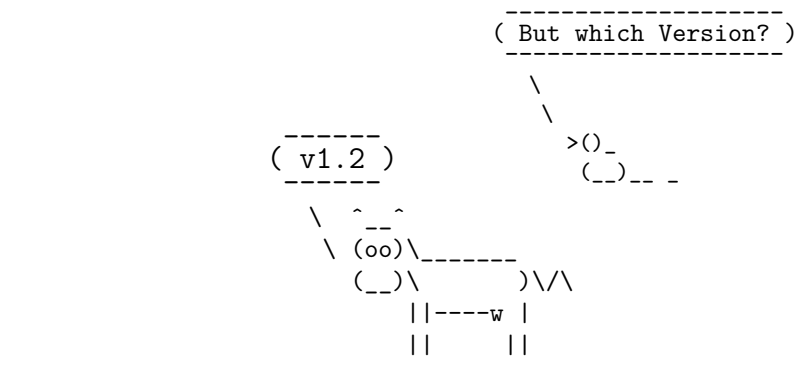
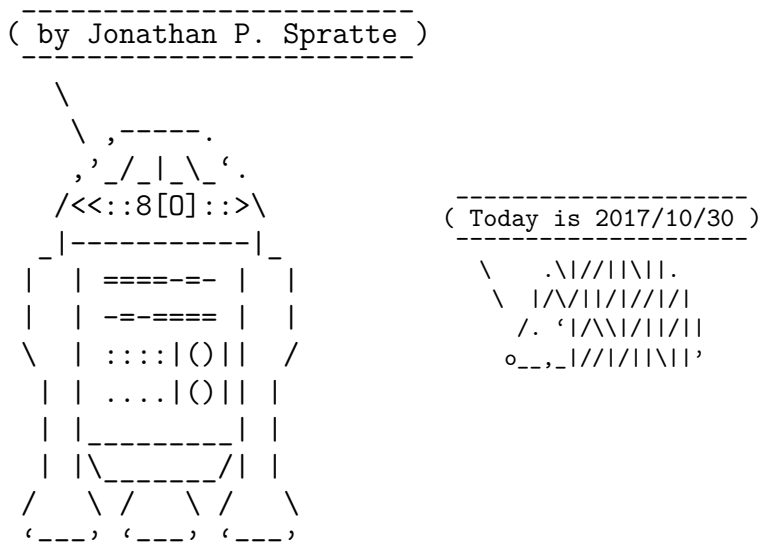
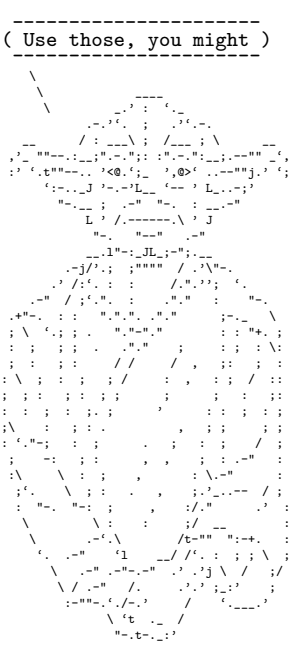

This is
ducksay!


But which Version?
v1.2


by Jonathan P. Spratte
Today is 2017/10/30

Contents

1 Macros



The following macros are available:

`\ducksay[<options>]{<message>}`
: options might include any of the options described in section 2. Prints an `<animal>` saying `<message>`. `<message>` is not read in verbatim. Multi-line `<message>`s are possible using `\\`. `\\` should not be inside a macro but at toplevel. Else use the option `ht`.

`\duckthink[<options>]{<message>}`
: options might include any of the options described in section 2. Prints an `<animal>` thinking `<message>`. `<message>` is not read in verbatim. It is implemented using regular expressions replacing a `\` which is only preceded by `\s*` in the first three lines with `O` and `o`. It is therefore slower than `\ducksay`. Multi-line `<message>`s are possible using `\\`. `\\` should not be inside a macro but at toplevel. Else use the option `ht`.

`\DefaultAnimal{<animal>}`
: use the `<animal>` if none is given in the optional argument to `\ducksay` or `\duckthink`. Package default is `duck`.

`\DucksayOptions{<options>}`
: set the defaults to the keys described in section 2. Don't use an `<animal>` here, it has no effect.

`\AddAnimal(*){<animal>}<ascii-art>`
: adds `<animal>` to the known animals. `<ascii-art>` is multi-line verbatim and therefore should be delimited either by matching braces or by anything that works for `\verb`. If the star is given `<animal>` is the new default. One space is added to the begin of `<animal>` (compensating the opening symbol). For example, snowman is added with:

```
\AddAnimal{snowman}
{  \
    \_[_]_
      (")
   >-( : )-<
    (__:__)}
```

2 Options

```
 ----------------
/ Everyone likes \
\ options        /
 ----------------
  \   .\|//||\||.
   \  |/\/||/|//|/|
    /. '|/\\|/||/||
    o__,_|//|/||\||'
```

The following options are available to `\ducksay`, `\duckthink`, and `\DucksayOptions` and if not otherwise specified also as package options:

`<animal>`
: One of the animals listed in section 5 or any of the ones added with `\AddAnimal`. Not useable as package option.

`animal=<animal>`
: a longer alternative to the use of `<animal>` if used in `\ducksay` or `\duckthink`. If it is used as a package option or in `\DucksayOptions` it changes the default animal to `<animal>`.

`bubble=#1`
: use `#1` in a group right before the bubble (for font switches). Might be used as a package option but not all control sequences work out of the box there.

`body=#1`
: use `#1` in a group right before the body (meaning the `<animal>`). Might be used as a package option but not all control sequences work out of the box there. E.g., to right-align the `<animal>` to the bubble, use `body=\hfill`.

`align=#1`
: use `#1` as the vertical alignment specifier given to the `tabular` which is around the contents of `\ducksay` and `\duckthink`.

`msg-align=#1`
: use `#1` for alignment of the rows of multi-line `<message>`s. It should match a `tabular` column specifier. Default is `l`. It only affects the contents of the speech bubble not the bubble.

`wd=#1`
: in order to detect the width the `<message>` is expanded. This might not work out for some commands (e.g. `\url` from `hyperref`). If you specify the width using `wd` the `<message>` is not expanded and therefore the command *might* work out. `#1` should be the character count.

`ht=#1`
: you might explicitly set the height (the row count) of the `<message>`. This only has an effect if you also specify `wd`.

`ligatures=#1`
: this is a LaTeX3 regular expression which should match every character you

don't want to form ligatures during `\AddAnimal`. The default expression is `[\-<>‘]`. Giving no argument (or an empty one) disables the replacement, which enhances compilation speed. The formation of ligatures was only observed in combination with `\usepackage[T1]{fontenc}` by the author of this package. Therefore giving the option `ligatures` without an argument might enhance the compilation speed for you without any drawbacks.

```
 ----------
( Ohh, no! )
 ----------
    \
     \ (.)_(.)
      _ (   _   ) _
    / \/‘-----’\/ \
 __\ ( (     ) ) /__
)    /\ \._./ /\    (
 )_/ /|\   /|\ \_(
```

3 Defects

- no automatic line wrapping

4 Dependencies

The package depends on the two packages `xparse` and `l3keys2e` and all of their dependencies.

```
 -----------------
( We rely on you )
 -----------------
  \
   \ -,’   ___
    <__\__/   \
      \_  /  _\
        \,\ / \\
          //   \\
         ,/’     ‘\_,
```

5 Available Animals

The following animals are provided by this package. I did not create them (but altered some), they belong to their original creators.

```
 ------
( duck )
 ------
   \
    \   __
      >(’ )
        )/
       /(
      /  ‘----/
      \  ~=- /
    ^~^~^~^~^~^~^~^
```

```
 -----------
( squirrel )
 -----------
   \           ,;:;;,
    \         ;;;;;
      .=’,    ;:;;:,
     /_’, "=. ’;:;:;
     @=:__,  \,;:;:’
       _(\.=  ;:;;’
      ‘"_(  _/="‘
       ‘"’‘‘
```

```
 ------------
( small-duck )
 ------------
   \
    \
      >()_
       (__)__ _
```

```
 -----
( cow )
 -----
   \  ^__^
    \ (oo)\_______
      (__)\       )\/\
          ||----w |
          ||     ||
```

```
 -------------
( duck-family )
 -------------
   \
    \   __
      >(’ )
        )/
       /(
      /  ‘----/  -()_  >()_
   __\__~=-_/__ _(__)__(__)__ _
```

```
 -----
( tux )
 -----
   \
    \  .--.
      |o_o |
      |\_/ |
     //   \ \
    (|     | )
   /’\_   _/‘\
   \___)=(___/
```

```
 --------------
( small-rabbit )
 --------------
   \
    \ _//
     (’)---.
      _/-_( )o
```

```
 _________
( head-in )
 ---------
   \
    \ ^__^         /
      (oo)\_______/  ________
      (__)\       )=(  ___|_ \____
          ||----w |  \ \    \____ |
          ||     ||   ||         ||
```

```
 _____
( pig )
 -----
   \     _//| .-~~~-.
    \ _/oo  }        }-@
     (’’)_  }        |
      ‘--’| { }--{  }
           //_/  /_/
```

```
 ______
( frog )
 ------
    \
     \ (.)_(.)
   _ (   _   ) _
  / \/‘-----’\/ \
 __\ ( (     ) ) /__
 )   /\ \._./ /\   (
  )_/ /|\   /|\ \_(
```

```
 _________
( snowman )
 ---------
   \
    \_[_]_
      (")
   >-( : )-<
    (__:__)
```

```
 _______
( bunny )
 -------
  \
   \      /
      /\ /
       ( )
     .( o ).
```

```
 ________
( dragon )
 --------
      \                    / \  //\
       \    |\___/|      /   \//  \\
        \   /0  0  \__  /    //  | \ \
           /     /  \/_/    //   |  \  \
           @_^_@’/   \/_   //    |   \   \
           //_^_/     \/_ //     |    \    \
        ( //) |        \///      |     \     \
      ( / /) _|_ /   )  //       |      \     _\
    ( // /) ’/,_ _ _/  ( ; -.    |    _ _\.-~        .-~~~~^-.
  (( / / )) ,-{        _      ‘-.|.-~-.           .~         ‘.
 (( // / ))  ’/\      /                 ~-. _ .-~      .-~^-.  \
 (( /// ))      ‘.   {            }                   /      \  \
  (( / ))     .----~-.\        \-’                 .~         \  ‘. \^-.
             ///.----..>        \             _ -~             ‘.  ^-‘  ^-_
               ///-._ _ _ _ _ _}^ - - - - ~                     ~-- ,.-~
                                                                /.-~
```

```
 ___________
( sodomized )
 -----------
   \
    \           _
     \         (_)
       ^__^     / \
      (oo)\_____/_\ \
      (__)\       ) /
          ||----w ((
          ||     ||>>
```

```
 __________
( hedgehog )
 ----------
   \    .\|//||\||.
    \  |/\/||/|//|/|
      /. ‘|/\\|/||/||
     o__,_|//|/||\||’
```

```
 __________
( kangaroo )
 ----------
   \
    \ _,’   ___
     <__\__/   \
        \_  /  _\
          \,\ / \\
            //   \\
           ,/’     ‘\_,
```

```
 _____
( dog )
 -----
   \      __
    \ .-’\/\
       "\   ’------.
     ___/       (  .’_____
    ’_____’"""’______"""""’
```

```
 ________
( rabbit )
 --------
   \     / \‘\         __
    \   |  \ ‘\      /‘/ \
     \  \_/‘\  \-"-/‘ /\  \
              |       |  \  |
              (d     b)   \_/
              /       \
             ,".|.’.\_/.’.|.",
            /   /\’ _|_ ’/\   \
            |  /  ’-‘"‘-’  \  |
            | |             | |
            | \    \   /    / |
             \ \    \ /    / /
              ‘"‘\   :   /’"‘
                  ‘"""‘""‘
```

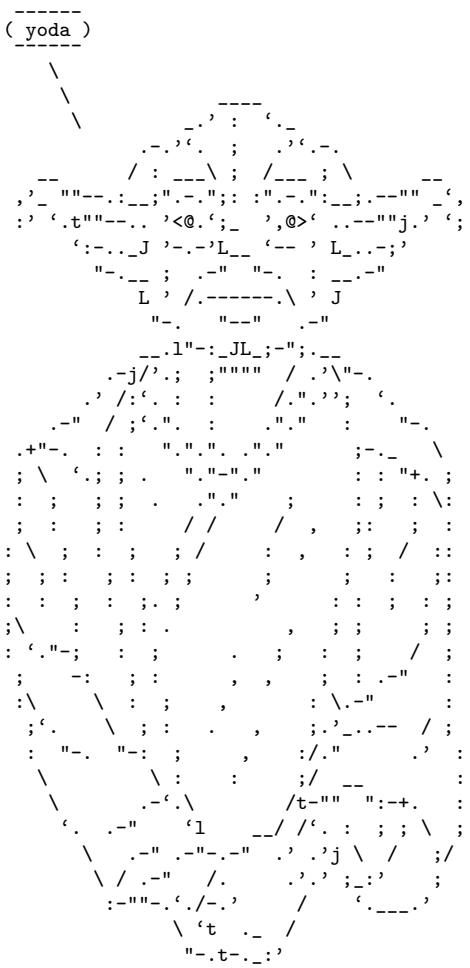
```
 ---------
( unicorn )
 ---------
    \
     \       /(((((((\\\\
     ---====((((((((((\\\\\\
          ((           \\\\\\\
          ( (*    _/      \\\\\\\
            \    /  \      \\\\\\_         __,,__
             |  |   |       </    "------""     ((\\\\
             o_|   /         /                     \ \\\\    \\\\\\\
                   |  ._     (                      \ \\\\\\\\\\\\\\\\
                   | /                      /       /    \\\\\\\     \\
          .______/\/     /                 /       /         \\\
         / __.____/    _/          ___----(       /\
        / / / ________/:______,---'         \     /  \_
       / /  \ \                              \   \ \_  \
      ( <    \ \                             >  /    \ \
       \/      \\_                           / /       > )
               \_|                          / /       / /
                                          _//       _//
                                        /_|       /_|
```

```
 ------
( r2d2 )
 ------
   \
    \ ,-----.
    ,'_/_|_\_`.
   /<<::8[O]::>\
  _|-----------|_
 |  | =====-=- |  |
 |  | -=-==== |  |
 \  | ::::|()||  /
  | | ....|()|| |
  | |_________| |
  | |\_______/| |
 /   \ /   \ /   \
 `---' `---' `---'
```

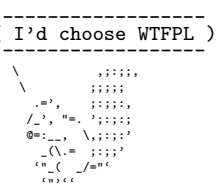
```
 ------------
( yoda-head )
 ------------
     \
      \
       \              ____
        \          _.' :  `._
                .-.'`.  ;   .'`.-.
          __   / : ___\ ;  /___ ; \   __
        ,'_ ""--.:__;".-.";: :".-.":__;.--"" _`,
        :' `.t""--.. '<@.`;_  ',@>` ..--""j.' `;
             `:-..J '-.-'L__ `-- ' L_..-;'
               "-.__ ;  .-"  "-.  : __.-"
                   L ' /.------.\ ' J
                    "-.   "--"   .-"
                   __.l"-:_JL_;-";.__
                .-j/'.;  ;"""  / .'\"-.
              .' /:`. :  :     /."."';  `.
            .-"  / ;`.". :    ."."   :    "-.
          .+"-.  : :   "."."". ."."      ;-._   \
```

```
 ------------
( small-yoda )
 ------------
    \
     \
     __.-.-._
     '-._"7'
      /'.-c
      |  /T
      _)_/LI
```

```
 -------
( vader )
 -------
   \     _._,~~~~~~`-._
    \   /      ||      \
       /       ||       \
      |        ||        |
      | _______||_______ |
      |/ ----- \/ ----- \|
     /  (     )  (     )  \
    / \  ----- () -----  / \
   /   \      /||\      /   \
  /     \    /||||\    /     \
 /       \  /||||||\  /       \
/_        \O========O/        _\
  `--...__|`-._  _.-'|__...--'
          |    `'    |
```



6 Miscellaneous



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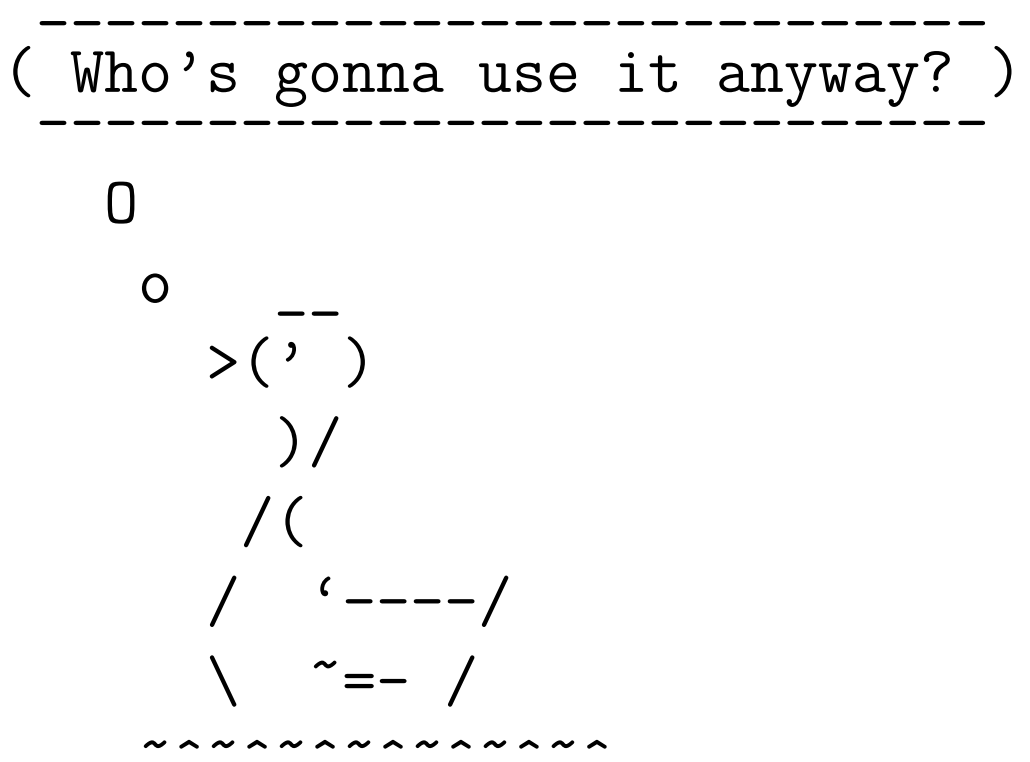
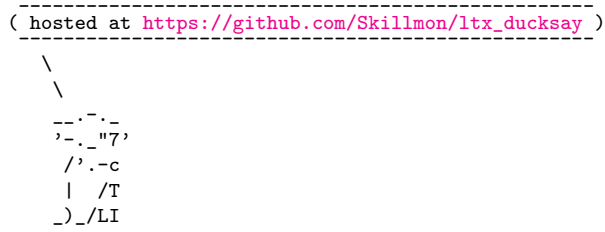
The package is hosted on https://github.com/Skillmon/ltx_ducksay, you might report bugs there.


(Who’s gonna use it anyway?)


(hosted at https://github.com/Skillmon/ltx_ducksay)