

# The Great Escape(char) Tip Sheet

## What can ODS ESCAPECHAR do?

Modify text strings such as titles, footnotes, and ODS text fields.  
Modify variable values through in-line style commands, proc format, and the data step.

## Where can you use ODS ESCAPECHAR?

In ODS output: in titles and footnotes, ODS text fields, SAS procedures (including PROC FORMAT), and the data step.

Some examples follow, but do not reflect the whole range of possibilities. Enjoy exploring the Great Escape(char)!

Basic Syntax (feed in data with an escapechar):

```
ODS HTML FILE='freq.xls' PATH=odsout
STYLE=styles.journal;
ODS ESCAPECHAR='^';
PROC FREQ DATA=footer;
    TABLES column1;
RUN;
ODS HTML CLOSE;
```

## Text Functions

```
TITLE4 HEIGHT=5 '^S={preimage="bonnietiny.jpg"}' "Title
Pre-Image";
TITLE5 HEIGHT=2 'Show Line Break ^nHere is an Extra
Line - ^nHandy if you want to exceed the 10 title line
limit!';
TITLE6 HEIGHT=3 '^\ul Feed in Underline Command (RTF
Only) ^\ul0';
```

## Special Functions

```
TITLE2 HEIGHT=2 COLOR=red '^{super SUPER}'
COLOR=blue 'COOL ' COLOR=black
'^{sub Title Special Functions (Super, Sub)}';
TITLE3 HEIGHT=4 COLOR=red '^{\dagger} Title Special
Functions (Dagger)';
```

## Font Styles

```
ODS PDF TEXT = '^S={FONT_SIZE=18pt
FOREGROUND=blue JUST=c FONT_FACE=Romulan}'
This is Romulan';
ODS PDF TEXT = '^S={FONT_SIZE=18pt
FONT_WEIGHT=bold FOREGROUND=brown JUST=c
FONT_FACE=Federation}' This is Federation';
```

## "Special" Cell Styles

```
Format Spanning Headers in PROC REPORT:
PROC REPORT ...
    COLUMNS fmvtr ('^S={BACKGROUND=lightblue}IDU
Cycle 1 - Overall' count_msm1 colper_msm1) ...
    COLUMNS fmvtr ('Main Partner ^{super **}' ('Sex'
count1 colper1) ...
```

## "Raw" Commands

```
USE ODS ESCAPECHAR R
feed=cat("1 ",'^R/HTML<BR/>' ^R/RTF\line"," Yes");
feed=cat("2 ",'^R/HTML<BR/>' ^R/RTF\line"," No");
Control strings are non-printing in ODS
NOTE: Remember to set length of result variables
long enough to accommodate the additional text for
commands
```

## Text Decoration (9.2)

```
TITLE4 '^S={TEXTDECORATION=line_through FONT_SIZE=16pt
COLOR=red} Line Through';
TITLE5 '^S={TEXTDECORATION=overline COLOR=blue
FONT_SIZE=14pt} Line Over';
TITLE6 '^S={TEXTDECORATION=underline COLOR=green
FONT_SIZE=18pt} Underline the NEW Way';
```

## Unicode (9.2)

```
smiley='^{\style [fontsize=14pt] ^{unicode 263B} black smiley}';
sunny='^{\style [fontsize=14pt] ^{unicode 263C} sunny}';
heart='^{\style [COLOR=red fontsize=14pt] ^{unicode 2665} heart}';
LABEL smiley='^{\unicode 263b} Smile,^n Smile,^n Smile!'
sunny='^{\unicode 263c} Keeping ^nth the Clouds Away'
heart='^{\style [COLOR=red] | ^{unicode 2665} Tagsets}';
NOTE: For details on Unicode Characters and how to find their
"translations", see the paper.
```

## Page Numbering

```
TITLE1 'Page ^{thispage} of ^{lastpage} - for RTF & PDF';
TITLE2 'Page ^{pageof} - for RTF only';
```

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