User Manual



From unmarked software

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A complete list of acknowledgements can be found under "About TextSoap" within the application.

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Getting Started

TextSoap is a powerful text transformation tool. With it, you can remove extraneous characters, rewrap text, or perform one of more than 80 different actions (not including your own) with a single click. You can apply TextSoap to any type of text document that might normally require tedious finding and replacing. TextSoap is often applied on E-mail text but is not restricted to them.



A common working environment of TextSoap consists of the Clipboard Text and the Cleaner list.

TextSoap also enables you to integrate any text document directly into the application itself or to use TextSoap as an integrated plugin of various supported applications.

There are three basic steps to using TextSoap:

- 1. Select the text to clean
- 2. Apply Cleaner
- 3. Replace text

Some examples of applying a few common cleaners will be looked at in the next section.

Text Cleaners 101

What is a text cleaner and what does it do? The term "cleaner" is used by TextSoap to represent its text transformation steps. Each cleaner includes one or more transformation steps that are applied to the text.

"Convert to Uppercase" is one of the more basic cleaners. It converts the given text to all uppercase.

Here is how you do it: select the text you want cleaned (I used an example out of the manual),



Highlight the text in the Clipboard. Now click on the desired cleaner, for example "Convert to Uppercase".



Now all characters are converted to uppercase.

We have all uppercase letters but might still have those annoying forwarding marks (the greater than symbol '>'). This time, we can click on "SCRUB". "SCRUB" addresses 90% of your text cleaning needs.



"SCRUB" is an example of a more advanced cleaner. It applies several different cleaners in a specific order to remove the most common garbage characters and formatting problems encountered. Scrub applies the cleaners in the proper order to get the best possible results.

TextSoap includes more than 80 built-in cleaners plus the ability to create your own. You may not need to use all the cleaners that are provided, depending on the particular task you are engaged in, but they are available if and when you do need them.

TextSoap also offers the ability to group cleaners. There are several pre-defined groupings, including MyList.

TextSoap Standard users can change which cleaners are listed in the MyList group. TextSoap Deluxe users can create a virtually unlimited number of additional groups.

brary ;
a Spaces
il Forwarding Character
E-encoded Characters
aphs
Fabs
trol Characters
a Returns
ppercase
owercase
entences
ords

Θ	Cleaners	
Group	′Library	
SCRUB	Standard Custom	Ń
MySCR	MyList	
Remov	HTML	
Remove	Plist rs	
Conver	Email	
Make P Remover	Edit Groups	
Remove	Control Characters	
Remove I	Extra Returns	
Convert t	o Uppercase	
Convert t	o Lowercase	
Capitaliz	e Sentences	
Capitaliz	e Words	4
Q.		

TextSoap Overview

TextSoap offers a number of integration options that are designed to allow you to seamlessly apply its cleaners without disrupting your workflow. They are listed (in no particular order):

Option 1: Application

The following steps describe one way of using TextSoap, these steps will work on almost every type of text documentation.

- 1. Copy text to clipboard from your application
- 2. Launch TextSoap application



3. Apply one or more cleaners via palette



- 4. Quit TextSoap application
- 5. Paste text back into your application.

It is also possible to start TextSoap and open an editable text document directly within TextSoap.



Option 2: Services Menu

Applications such as Apple Mail, BBEdit, Eudora, TextEdit, many Carbon and most Cocoa-based applications support OS X Services. TextSoap can be activated directly within a supported application through the Services submenu, of that application, for example "TextEdit".

- 1. Select text in application that supports Services (text must be editable).
- 2. Choose TextSoap cleaner from Application -> Services -> TextSoap 5 submenu.

About TextEdit			
Preferences ¥			😝 😑 🗎 Docs-Services.rtf
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Services <a>	Add to myNotes	企業M	1
Inde Transfelle 0011	BBEdit	•	1 12 13 14 15 16
Hide lextEdit #H	ChineseTextConverter	•	ang the Services Menu
Hide Others \#H	Disk Utility	•	X Services allows you to take advantage of TextSoap features inside
Show All	Finder	•	any application that supports Text Services, including most Cocoa and
Ouit TextEdit #0	Font Book	•	any Carbon applications. Entourage (in Office 2004), Eudora, and
quit renteate toq	Grab	•	Edit are just a rew examples or Carbon applications that support the
	Import Image		W Services menu.
	Look Up in Dictionary		you have a selection and the Services menu items are all grayed out,
	Mail	•	e application likely does not support OS X Services. If an application
	Mailsmith	•	u use does not support Services menu yet, please contact the
	Make New Sticky Note	企業Y	3 X Services.
	Open In Mellel	¥@	D
	Open URL	-	
	Open URL in Camino	☆業∪	
	Open URL in OmniWeb		
	Path Finder	•	
	Script Editor	•	۵
	Search With Google	Ω₩L	
	Send File To Bluetooth Device	☆業B	
	Speech	•	O1 SCRUP
	Spotlight	Ω₩F	02 Remove Futre Spaces
	Summarize		02 Remove Excita Spaces
	TextEdit	•	04 Convert MINE opened of Characters
	TextSoan 5		04 Convert Mime-encoded Characters
	TextWrangler	•	OS Make Paragraphs
	View In JavaBrowser	☆ ₩I	06 Remove All Tabs
	Yojimbo		07 Remove Control Characters
	- ojimbo		08 Remove Extra Returns
			10 Convert to Uppercase
			11 Conitaliza Contanças
			12 Capitalize Words
			12 Capitalize words
			14 Straighten Queter
			14 Straighten Quotes
			15 Smarten Quotes
			10 Expand Tabs
			17 Extract Text from HTML Source
			18 Rewrap Text

Option 3: Contextual Menu

Applications such as Entourage, Apple Mail, BBEdit, Eudora, TextEdit, and most Cocoa-based applications support contextual menus.

TextSoap can be started contextually within supported applications.

- 1. Select text in application that supports Contextual Menus
- 2. Control-Click to bring up contextual menu on selection
- 3. Choose TextSoap cleaner from TextSoap submenu

\varTheta \varTheta 🔿 👘 Docs-Servi	ces.rtf	
Styles 💌 🔳 🔳 Spacing	🔹 Lists 💌 🕞 🔶	
······································		
Using the Services Menu	C 1 C 1 L C	
OS X Services allows you to take advantaged for any application that supports Text Services and the support of	Search in Google	
many Carbon applications. Entourage (in BBEdit are just a few examples of Carbon	Look Up in Dictionary	
new Services menu. If you have a selection and the Services n the application likely does not support OS	Cut Copy Paste	
you use does not support Services menu manufacture and let them know you wan OS X Services.	Spelling Font Speech	
	Writing Direction	
	TextSoap 5	SCRUB
	MySCRUB	MySCRUB Remove Extra Spaces Remove Email Forwarding Characters Convert MIME-encoded Characters Make Paragraphs Remove All Tabs Remove Control Characters Remove Extra Returns Convert to Uppercase Convert to Lowercase Capitalize Sentences Capitalize Words
		Convert Bullets to ASCII Straighten Quotes Smarten Quotes Expand Tabs Extract Text from HTML Source Rewrap Text

Option 4: Application Plug-in (Deluxe)

Requires a TextSoap Deluxe license.

Special Plug-ins for BBEdit, TextWrangler and Eudora are provided. The functionality varies based on the application.

- 1. Select text in application
- BBEdit: Choose cleaner from palette Eudora: Choose menu from Edit -> Message Plug-ins submenu (or from toolbar if you configured it as such).

Whichever option you choose, the TextSoap helper tool applies the specified cleaner to your text.

See the application plug-in section for complete details.

The Cleaner Palette

The TextSoap 5 cleaner palette offers a number of key features designed to simplify your cleaning tasks by allowing for more task oriented grouping of cleaners, easy filtering of cleaners and providing the descriptions of cleaners without having to reference help or documentation.

Improved Single Click

No longer confined to a small area, the new cleaner palette makes each cleaner a one-click button.

Tell me what this Cleaner does

Cleaners Θ ; Group: Standard SCRUB MySCRUB **Remove Extra Spaces** Remove Email Forwarding Characters Convert MIME-encoded Characters Make Paragraphs Remove All Tabs Remove Control Characters Remove Extra Returns Convert to Uppercase Convert to Lowercase Capitalize Sentences Capitalize Words Convert Bullets to ASCII Straighten Quotes Q

A frequently requested feature, TextSoap now displays the description of the cleaner as a tool tip.

0	Cleaners
Group:	Standard
SCRUB	
MySCRU	This cleaner addresses 90% of your text
Remove	Extra Spaces
Remove	Like a multivitamin, it gives you more than one
Convert	forwarding characters, MIME encoded
Make Par	characters (%Hex, =Hex), and paragraphs.
Remove	SCRUB calls the cleaners in the proper order to
Remove	insure the best results.

Finding with Filtering

TextSoap 5 allows you to filter the listing of cleaners within a group based on typing a few characters. An example:

1. Choose the Library Group of cleaners

0	Cleaners
Group	: Library 🛟
SCRUB	
MySCR	JB
Remove	e Extra Spaces
Remove	Email Forwarding Characters
Conver	t MIME-encoded Characters
Make P	aragraphs
Remove	e All Tabs
Remove	e Control Characters
Remove	e Extra Returns
Conver	t to Uppercase
Conver	t to Lowercase
Capital	ize Sentences
Capital	ize Words
Conver	t Bullets to ASCII
Straigh	ten Quotes
Smarte	n Quotes
Expand	Tabs
Q	

- 2. Click in the search box
- 3. Type in "Return"

0	Cleaners
Group	p: Library ;
Remov	ve Extra Returns
1 Retu	rn to 2 Returns
1 Retu	rn to Space
Strip >	1 Returns
Strip >	2 Returns
Strip >	3 Returns
Multip	le Return to 1 Return
Multip	le Return to 2 Returns
Q Re	turn 💿 /

TextSoap will now show you all the cleaners in the group Library whose name includes "Return".

1. Click the X to clear the filter criteria

2. Now type in "quote"

0	Cleaners	
Group:	Library	•
Straighte	en Quotes	
Smarten	Quotes	
Quote Te	ext	
Quote Te	ext L1	
Quote Te	ext L2	
Quote Te	ext L3	
Quote Te	ext L4	
Increase	Quote Level	
Quote Ba	ased on First Line	
HTML Ta	ig: BlockQuote	
Q quot	e	

TextSoap will display the quote-related cleaners (having "quote" in the name). In this case, we have cleaners included that refer to quotes (as in quotation markers) as well as quoting (as in referring to some previous text).

Separated at Birth

TextSoap 5 now supports including separators in a cleaner list. This is a spacer item that visually separates a set of cleaners within a group. If you look at the default HTML group, you will see that separators are used to visually group common HTML tags together.

O Classor	
Cleaners	
Group: Separators	•
SCRUB	
MySCRUB	
Remove Extra Spaces	
Remove Email Forwarding	Characters
Make Paragraphs	
Remove All Tabs	
Remove Control Character	s
Q	

Compatibility Note: The size of the spacer varies. In OS X 10.3, the separator is the same height as a cleaner button. In OS X 10.4 or later, the separator is half the height of a cleaner button.

Grouping Cleaners (Deluxe)

Requires a TextSoap Deluxe license.

TextSoap 5 Standard offers a single customizable group of cleaners, called "MyList", to be used for your particular needs.

TextSoap 5 Deluxe expands on this by allowing you to create more than one group of cleaners. Groups can be used to better organize by the particular task you are trying to accomplish.

0	Cleaners
Group 🗸	Library Standard
SCRUB	Custom
MySCR	MyList
Remov	HTML
Remove	Typographical rs
Conver	IME-encoded Characters
Make P	Edit Groups
· ·	
Q	

TextSoap 5 includes several pre-built task-oriented groups. You can customize and add your choice of cleaners to these as needed. It is only meant as a starting point for your own organization. To customize, simply choose "Edit Groups" from the Groups popup on the cleaner palette.

A group is a collection of cleaners that you define. An example might be cleaners you use often when processing email or perhaps when processing HTML text.

Let's create an Email Group.

- 1. After launching TextSoap, choose the cleaner palette group popup and select the "Edit Groups" item at the bottom of the menu.
- 2. Press the Plus button to create a new group.
- 3. Double click the "Untitled" item and rename it "Email".

_

4. Select the Email group and choose "Edit Group". An editing sheet will appear allowing to build a list of cleaners you wish to be included in the group.

(Q)	To reorder, drag items within Group.
Cleaner Library	Group Items
CRUB	
-Separator—	
/ySCRUB	
emove Extra Spaces	
emove Email Forwarding Characters	
onvert MIME-encoded Characters	
Nake Paragraphs	
emove All Tabs	
emove Control Characters	
emove Extra Returns	

5. Select the "SCRUB" cleaner and choose Add to Group.

You can also drag-n-drop your desired cleaners from the library into the Group Items section.

((((((((((To reorder, drag items within Group.
Cleaner Library	Group Items
CRUB —Separator— MySCRUB Remove Extra Spaces Remove Extra Forwarding Characters Convert MIME-encoded Characters Make Paragraphs Remove All Tabs Remove Control Characters Remove Extra Returns	C SCRUB Remove Email Forwarding Characters
Add to Group	Remove from Group

- 6. Now select the "Remove Email Forwarding Characters" and choose Add to Group.
- 7. Click on OK to accept the changes.

Now if you click on the Group popup menu and choose "Email", you should see the two cleaners you selected in your palette list.

If you would like additional cleaners in this group, you can edit it and add whatever other cleaners you might need.

You can create a virtually unlimited number of Groups to organize cleaners based on common tasks, document types or other criteria.



Integration Options

Using the Services Menu

OS X Services allows you to take advantage of TextSoap features inside of any application that supports Text Services, including most Cocoa and many Carbon applications. Entourage (Office 2004), Eudora, and BBEdit are just a few examples of Carbon applications that support the new Services menu.

If you have a selection of editable text and the Services menu items are all grayed out, the application likely does not support OS X Services. If an application you use does not support Services menu yet, please contact the manufacture and let them know you want their application to support OS X Services.

OS X Service menu items are derived from MyList set of cleaners, allowing you to customize the list of cleaners to pick from. To customize this list (or if there are no Service items visible), choose the "Edit Groups" from the Group popup and edit the "MyList" group to determine which cleaners you wish to have included in the Services menu.

TextSoap Deluxe allows you to create more than one custom group and allows you to specify which Group to use for the Services menu.

An Example: TextEdit

Let us assume that you have some text you want to clean that you've loaded up in TextEdit (a Cocoa application). Here's how to clean your text inside of TextEdit.

1. Select the text you want to clean.



2. Go to the Application menu, Services sub-menu and then the TextSoap sub-menu and choose the cleaner option you want to use.

About TextEdit		0			52						
Preferences %,			Chules			Docs-Se	rvices.i	rtt			
Services	Add to myNotes	ΰжм	styles			spacing		Lists		()).	-
	BBEdit	•		1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	2			4	s		16
Hide TextEdit #H	ChineseTextConverter		sing th	e Services	Menu						
Hide Others て第日	Disk Utility		V Can	dees allows	unu to tol	in advant		FoutCou	n fanture	e incide	
Show All	Finder		any an	nlication that	t sunnort	s Text Se	age or i rvices i	ncludin	a most C	s inside	4
Quit Tout 11 000	Font Book		any Car	bon applicat	ions. Ent	ourage (ir	Office	2004)	Eudora,	and	Ē.,
Quit Textedit #Q	Grab		Edit an	e just a few	examples	s of Carbo	n applic	ations	that supp	ort the	
_	Import Image		w Serv	ices menu.							
	Look Up in Dictionary		you hay	ve a selectio	n and the	Services	menu i	items a	re all grav	ved out.	
	Mail		e applic	ation likely	does not s	support O	S X Ser	vices. I	f an appli	cation	
	Mailsmith		u use d	loes not sup	port Serv	ices menu	ı yet, pl	lease c	ontact the	e .	
	Make New Sticky Note	Ω ₩Υ	anufact	ure and let	them kno	w you wa	int their	r applic	ation to s	upport	
	Open In Mellel	¥@	/ John	1063.							
	Open URL										
	Open URL in Camino	☆ ₩U									
	Open URL in OmniWeb	0.000									
	Path Finder										
	Script Editor										
	Search With Google	☆ ₩L									
	Send File To Bluetooth Device	Ω₩B									
	Speech	•	01	COUR							
	Spotlight	企業F	01	Bomovo Ex	tra Spac				_	_	
	Summarize		02	Remove Er	nail For	.es	Charac	+			
	TextEdit	•	03	Convort M	ME one	odod Ch	criarac	lers			
	TextSoap 5		04	Make Bare	aranho	oued Ch	aracter	15			
	TextWrangler	•	05	Pamoura Al	yrapris L Taba						
	View In JavaBrowser	企業	00	Remove A	n rabs	aractor					
	Yojimbo		07	Remove Co	Shiro Detu	aracters	•				
		-	00	Convert to	llanore	irns					
			10	Convert to	upperca	ase					
			10	Convert to	Lowerca	ase					
			11	Capitalize	Words	es					
			12	Capitalize	Words	ASCII					
			13	Convert BL	mets to	AJUI					
			14	Straighten	Quotes						
			15	Smarten Q	uotes						
					F 116						
			10	Expand Ta	.03						

3. That's it!

If your not happy with the results, choose the standard undo and pick another cleaner.

Note: Because Services menus are sorted alphabetically, TextSoap places a twodigit number before the name to ensure the order for up to 99 items.

Using the Contextual Menu Plug-in (Deluxe)

Requires a TextSoap Deluxe license.

You can activate a Contextual menu inside an application by holding the control-key down while clicking the mouse (or if you have a two button mouse, clicking on the right button).

With Mac OS X, many applications now support Contextual Menu Modules, allowing this new functionality to be added into their application. Most Cocoabased applications and many modern Carbon applications support contextual menus.

An Example: TextEdit.

Here's how to clean your text without leaving TextEdit (using the contextual menu).

Make sure you are in an editable document (you need to be able to change the text you want to clean).

1. Select the text you want to clean.



2. Control-Click (or Right-Click) to bring up the contextual menu.



3. Choose the cleaner you want to use from the contextual menu.

That's it!

Note: Using the contextual menu plug-in will change the contents of your clipboard. When you clean text, the "cleaned" text is placed on the clipboard and the application is told to paste it. This works for most applications, but support is dependent on the host application.

Using the AppleScript Addition (Deluxe)

Requires a TextSoap Deluxe license.

An option available for those who want automated cleaning abilities via AppleScript. TextSoap has three standard commands available, one to clean text, one to clean the clipboard, and one to clean a file.

The syntax of the addition is as follows:

tsCleanFile fileObject with "cleanerName"

cleanerName-name of the cleaner (such as "SCRUB" or "Expand Tabs") *fileObject* -file object variable – must be a text file

Note: Since clean text Files cannot be undone, files will not be cleaned in Trial Mode. TextSoap limits the number of characters that can be cleaned during trial mode.

tsCleanClipboard with "*cleanerName*" *cleanerName*-name of the cleaner (such as "SCRUB" or "Expand Tabs")

tsCleanText textObject with "cleanerName"

cleanerName-name of the cleaner (such as "SCRUB" or "Expand Tabs")

textObject-text variable (such as a mail message) or any type of text you have.

Here is a sample that shows how to convert some text to uppercase using TextSoap.

on run

set textData to 'sample text to convert"
set textData to tsCleanText textData with "Uppercase"
display dialog textData

end run

Application Plug-ins (Deluxe)

Requires a TextSoap Deluxe license.

Installing

Go to the Preferences Window and choose "Plug-ins". The Plugins panel will indicate whether the plug-in is installed and if so, what version is running. Highlight the application plug-ins you wish to install and select "Install".

Using the BBEdit Plug-in (Deluxe)

The BBEdit plug-in allows you to take advantage of TextSoap features inside of BBEdit, TextWrangler, and Mailsmith. Here's how to clean your text inside of BBEdit.

If you don't have the palette visible, choose 'TextSoap 5 Tool" from the 'tools" menu.

- 1. Now select the text you want to clean (if you do not select any text, the entire document will be used).
- 2. Click on the cleaner button you want to use.

That's it!

If your not happy with the results, choose the undo (command-Z) and pick another cleaner.

The BBEdit palette now supports use of Groups and spacers. An experimental option allows the use of all the new TextSoap palette features (Groups, Spacers, Tool tips and filtering).

BBEdit also supports Services and Contextual Menus under Mac OS X.

Using the Eudora plug-in (Deluxe)

This plug-in allows you to take advantage of TextSoap features inside of Eudora. Let us assume that you have some text you want to clean that you've loaded up in Eudora. Here's how to clean your text inside of Eudora.

- 1. Select the text you want to clean.
- 2. Select the cleaner option you want to use from the Edit -> Message Plug-ins sub-menu

Note: Inside of Eudora, TextSoap cleaners have a "ts - " prefix.

3. That's it!

If your not happy with the results, choose the standard Eudora undo and pick another cleaner.

The Eudora plug-in will use the cleaners from MyList, allowing you to customize the list of cleaners to pick from.

Eudora also supports OS X Services and contextual menus.

Custom Cleaners

Custom cleaners are mini-scripts that allow you to define one or more steps to transform your specific text.

TextSoap offers a completely new Custom Cleaner Definition Editor.

Cleaners are now stored as individual documents in the in folder location:

~/Library/Application Support/TextSoap/Custom Cleaners/

where "~" is your home folder.

The steps available include:

- Apply Cleaner
- Find and Replace Text
- Find and Replace Repeating Character
- Rewrap Text
- Quote Text
- Insert Text

TextSoap Deluxe also adds:

- Tag Text
- Sort Lines
- Add Prefix to Lines
- Remove Prefix from Lines
- Add Suffix to Lines
- Remove Suffix from Lines

Apply Cleaner

1 - Apply Cleaner	8
#SCRUB	•

This step allows you to apply an existing cleaner to the selected text. The cleaner specified can be any built-in cleaner or custom cleaner.

Note: if the cleaner cannot be found, the command is simply ignored.

Find and Replace Text

1 - Find and Re	place Text 😣
Search For:	
Replace With:	
	Is Regular Expression Ignore Case

This step allows you to find a value and replace it with another value.

Is Regular Expression – check this if you wish to use regular expressions (See chapter on regular expression). If you don't know what regular expressions are, just leave this unchecked.

Ignore Case – check this option if you wish to find the text without regard to the case.

Find and Replace Repeating Character

1 - Find and Replace Repeating Character	8
Search For: 1 🗘 or more occurrences of:	
Replace With:	

This step allows you to search for N or more occurrences of a character and replace it with a value. The search is only of a specific character (after the meta characters are converted).

For example, if you specify 2 or more "\t", the step will match tabtab or tab-tab.

Find and Replace (Special characters)

Find and Replace strings also allow you to specify some metacharacters, the table below describes each:

//	=	backslash (\) character
\r	=	traditional carriage return character
\n	=	newline character
١f	=	formfeed character
\t	=	tab character
\x{HHHH}	=	Hexidecimal character with the hex value:
		{HHHH} (indicating a Unicode character)

Rewrap Text

1 - Rewrap Text	8
Wrap text at: 65 🗘 characters	

This step will rewrap the text at the specified number of characters. The text will be word wrapped to fit within the given number of characters.

Quote Text

1 - Quote Text	8
Quote Level: 1	
Wrap text at: 65 🗘 characters	
Quote Chars: - > %	

This step allows you to quote text. You can specify the

- Quote level
- Text wrapping
- Characters used to quote

For example, with a quote level of 4 and a quote marker of ">", the quoted string would be prefixed with a " >>>> ".

You can override the characters used to quote the text. You can specify a leading set of characters (usually spaces), the actual quote characters and the trailing characters (usually spaces).

Note: The actual wrap amount is this number minus the number of prefixes characters needed. In the example above, the actual text wrapping is 65 - 6 characters (leading space, four ">", trailing space).

Insert Text

1 - Insert Text	8
If selection equals:	
Insert Before Selection	

Clicking on the "Insert Text Options" button brings up a dialog that allows you to define the insertion of text in a cleaner. This is handy for inserting boilerplate text or, using the conditional test, expanding acronyms.

Checking the "If selection equals" item will enable a conditional text insertion. The selected text is tested against the string, if it matches, then the text insertion/replacement is done. If it does not match, the text insertion is skipped.

The third option allows you to specify how the text is inserted. It can be inserted before or after the selected text or you can use it to replace the selected text. Requires a TextSoap Deluxe license.

The following steps are available for TextSoap Deluxe users.

Tag Text

Specify the text to place before and after selected text.

An Example:

Specify the before tag as "<custom>" and the after tag as "</custom>".

Now select a word like "this" and apply the cleaner.

Now "this" becomes "<custom>this</custom>".

The HTML and PLIST tag cleaners are specific examples of this type of cleaner step in action.

Sort Lines

6 - Sort Lines	8
Sort Lines in : Ascending order	
Note: Lines are determined by paragraph markers.	

Specify which direction you wish to sort the lines.

For this cleaner step, lines are defined as ending with a paragraph marker.

Add Prefix to Lines

- Add Prefix to Lines	8
Add this value to the beginning of each line:	

This allows you to add a prefix to the beginning of each line.

For this cleaner step, lines are defined as ending with a paragraph marker.

Add Suffix to Lines

- Add Suffix to Lines	8
Append this value to the end of each line:	

This allows you to add a suffix to the end of each line.

For this cleaner step, lines are defined as ending with a paragraph marker.

Remove Prefix from Lines

3 - Remove Prefix from Lines	8
Remove this value from beginning of each line:	

This allows you to remove a specific prefix (if it exists) from the beginning of each line.

For this cleaner step, lines are defined as ending with a paragraph marker.

Remove Suffix from Lines

4 – Remove Suffix from Lines	8
Remove this value from the end of each line:	

This allows you to remove a specific suffix (if it exists) from the end of each line.

For this cleaner step, lines are defined as ending with a paragraph marker.

Tutorial: My first custom cleaner

Now that you have the basics and as you become more familiar with TextSoap, you may want to create your own customized cleaner, set to perform to your personal specifications and/or preferences.

We are going to create two basic example custom cleaners using TextSoap.

First we will define our need. For this example, we want to be able to take raw HTML text, capitalize everything, remove HTML tags and rewrap content text to 40 character.

1. Create a new custom cleaner. Choose File -> New -> Custom Cleaner from the menu.

Display Name:	Untitled			
Description:				
Average Text Apply Cleaner Find and Repla Find and Repla Rewrap Text Quote Text Insert Text Tag Text	railable Steps ace Text ace Repeating Character	^	Drag custom cleaner actions here to build your custom cleaner.	
Sort Lines Add Prefix to I Add Suffix to I Remove Prefix Remove Suffix	Lines Lines from Lines from Lines		·	

- 2. We give the cleaner a name and a brief description.
- 3. From the Available Steps, select and drag the "Apply Cleaner" step to the work area.
- 4. Choose "SCRUB" from the popup menu.
- 5. Repeat steps 3 and 4, adding the "Convert to Uppercase" and "Extract Text from HTML Source".

Display Name:	My First Cleaner		
Description:	Given raw HTML	, extract the text and wrap it to 40 characters	
Availa	ble Steps		
Apply Cleaner		1 – Apply Cleaner	8
Find and Repla	ace Text		
Find and Repla	ace Repeating	SCRUB	
Rewrap Text			
Quote Text			
Insert Text		2 - Apply Cleaner	8
Tag Text			
Sort Lines		Convert to Uppercase	
Add Prefix to I	Lines		
Add Suffix to I	Lines		
Remove Prefix	from Lines	3 – Apply Cleaner	۲
Remove Suffix	from Lines		
		Extract Text from HTML Source	

6. Now we drag a "Rewrap Text" step to the bottom of the work area and set the wrap amount to 40 characters.

Display Name:	My First Clea	iner		
Description:	Given raw H	ΓML,	extract the text and wrap it to 40 characters	
Availab	le Steps			
Apply Cleaner Find and Repla	ace Text		1 – Apply Cleaner	8
Find and Repla	ace Repeatin		SCRUB	
Rewrap Text				
Quote Text Insert Text			2 - Apply Cleaner	8
Fort Liner				
Add Prefix to I	lines		Convert to Uppercase	
Add Suffix to I	Lines			
Remove Prefix	from Lines	Î	3 – Apply Cleaner	8
Remove Suffix	from Lines		Extract Text from HTML Source	
			4 - Rewrap Text	8
			Wrap text at: 40 🗘 characters	

7. We save our custom cleaner. By default, TextSoap saves new custom cleaners to the appropriate folder.

000	Custom Cleaners	>
IDisk IDisk IDisk MacTel IDiata	\$ * - Q	
Desktop mmunz Applications Documents Movies	myfirstcleaner.ccleaner	
8 B	1 item, 91.1 GB available	

Choose "Custom Cleaners" from the TextSoap application menu to see a list of all your custom cleaners.

00	Custom Cleaners
My First Clear	ler
Open	New Show in Finder
	11.

You can select your custom cleaner here to later edit it if you so choose or you can open it from within the Finder.

To view and apply the custom cleaner, you can choose either the "Custom" group or the "Library" group (which includes all cleaners).

0	Cleaners
Group: Cu	istom 主
My First Clear	ner
Q	

Custom Cleaners are basically mini-scripts or macros designed to save time on recurring tasks.

Creating custom cleaners is not for everyone. But one of the major new features of TextSoap 5 is the ability to share cleaners. Someone else can create a cleaner for you and you just need to drag it to the appropriate location. TextSoap will recognize you've added a new cleaner and include it in your list.

Regular Expressions

TextSoap now features regular expression support.

This section is not meant as a comprehensive discussion on using regular expressions. Regular Expressions are designed for very advanced users.

Not to worry though. TextSoap cleaners are now shareable, allowing you to use regular expression-based cleaners created by others.

Recommended Reading

For an in depth discussion on Regular Expressions, we recommend:

Mastering Regular Expressions, 2nd Edition By Jeffery E.F. Friedl. Publisher: O'Reily Media, Inc. ISBN: 0596002890

TextSoap's Regular Expression support is based on OgreKit, using the Perl Compatible Regular Expression (PCRE) Syntax.

Note: There can be subtle differences between programs and the syntax that is supported.

What is a Regular Expression?

A regular expression is another way to describe a find or replace string.

When you choose to find something like "unmarked" you are asking to find a string that begins with a "u" followed by an "n" followed by an "m" followed by an "a" followed by an "r" followed by a "k" followed by an "e" followed by a "d". Wow! Luckily, the way we describe this is to just put the characters next to each other. Then, when all these conditions are met, the search string is considered found.

Regular expressions allow you to use special characters to further describe the search string. For example, we can use a regular expression to say string that begins with a "u" followed by a number of characters, but ends in a "d". The regular expression for this might be "u.*d". The two middle characters act as special characters used to represent "any number of characters".

Understanding Regular Expressions.

Most characters match themselves. The letter "u" will match "u" in text.

Escape Sequences can be used to match special characters that don't naturally match themselves. For example, dot (.) has special meaning to represent any character, but if you want to match an actual dot, you would specify "\." (backslash followed by a dot).

Reference

See the TextSoap Regular Expression Reference document for a description of the regular expression options.

Preferences

General

$\Theta \circ 0$	Preferences: General	0
.	🗋 🤗 🖳 🗷 😤 🚖	
General	New Documents MyScrub Integration Key Shortcuts Plug-ins Advanced	
	Application	
	 Apply cleaner to entire contents when no selection Automatically check for updates Quit application when last window is closed 	
	Enable Clipboard Workspace	
	Format* : Plain text	
	Clipboard look* : 🚺 Dark	
	*May require restarting TextSoap.	

Apply Cleaner to entire Document if no selection – indicates whether to apply the cleaner to the entire document or just the selection. This option is off by default.

Automatically check for updates – indicates whether TextSoap should regularly check for new updates. This option is on by default.

Quit application when last window is closed – will automatically quit the application when you close the last document. This option is on by default.

Enable Clipboard Workspace – indicates whether to use the clipboard workspace and auto copy/paste or simply create a new untitled document.

Format: You can specify whether you want plain text or Rich text (with fonts, paragraph formatting, etc) as your clipboard document. This option is set to "Rich text" by default.

Clipboard look: Allows you to specify the look of the clipboard workspace. Several styles are available (changes between Original Style and New Style require re-launching TextSoap).

New Documents



New Document Type – allows you to specify if you wish to create plain or rich text documents when you select New (or press command-N). This option is set to "Rich text document" by default.

Note: You can use Command-Option-N to always create a new Plain text document or use Command-Control-N to always create a new Rich text document.

Check spelling as you type – allows you to activate the automatic spell checker for new documents. The option is on by default.

Show ruler (for Rich Text) – allows you to indicate whether to show the ruler by default when creating a Rich Text document. The default for this option is on for rich text documents (the ruler does not display for plain text documents).

Append ".txt" extension to plain text files – standard option that mimics TextEdit's behavior. The option is on by default.

Show Invisible Characters (spaces, tabs, end-of-line) – shows spaces, tabs, returns and other invisible characters. You can toggle this per document using the toolbar button. The option is on by default.

Default Fonts – allows you to specify what font to use depending on the type of document created.

MyScrub



Define the cleaners you wish to use when you click on the MyScrub cleaner. This preference acts like a a very specialized "Custom Cleaner", with multiple Apply Cleaner steps (one for each cleaner listed).

System Integration

00	0	Pr	eferences:	System Integ	ration		\square
		\bigotimes		æ	- 🏯 🗧		
General	New Documents	MyScrub	Integration	Key Shortcuts	Plug-ins Advar	nced	
Туре				Installed	Version	Based on Group	
OS X	Services			Yes	5 R2 Beta 5	MyList	
Upo	late Componen	ts	DLX Deluxe Suppor that OS	Edition also inc t, and AppleScri X Services and	ludes: Advanced pt Addition, and the contextual m	Contextual Menu customizing groups enu are based on.	

This preference shows you what system integration components are installed and allows you to force an update of the components. TextSoap Standard supports OS X Services.

00	0	Pr	ererences:	System Integ	ration		C
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eneral	New Documents	MyScrub	Integration	Key Shortcuts	Plug-ins Adva	inced	
Туре				Installed	Version	Based on Group	
OS X Services			Yes	5 R2 Beta 5	MyList	¢	
Contextual Menu Module			Yes	5 R2 Beta 5	Email	ŧ	
AppleScript Scripting Addition			Yes	5 R2 Beta 5		÷	

If you are using the *Deluxe* version, you have the Contextual Menu Module and AppleScript commands that are also installed on your system.

The Deluxe version also allows you to specify which Group to use for each of the plug-ins.

Key Shortcuts

O Preferences: Key Shortcuts						C	
° 6 °		\bigotimes	<u> </u>	æ	- 		
ieneral	New Documents	MyScrub	Integration	Key Shortcuts	Plug-ins	Advanced	
Yo for Ma oth	ou can specify key e r the key equivalen ac OS X limits key equiv herwise used in the cur	equivalents it. It is reco valents in Ser rent applicat	s to Service it ommend that vices to 企業 <ki ion.</ki 	ems. Select the you use the Ser EY> or % <key>, as</key>	cleaner an vices key long as the	id enter in the key to us equivalents sparingly. key equivalent is not	se
C	OS X Service					Key	
R	lewrap Text					ΩЖТ	n
E	Ellipsis to Three periods						
E	m Dash to 2 Hy	phens					
E	in Dash to Space	-Space					U
Т	hree periods to	Ellipsis					
2	Hyphens to Em	Dash					
S	pace-Space to E	n Dash					
S	trip 2 or more R	leturns					
S	trip 2 or more S	paces					¥
-	trip 2 or more T	ahs					•

This preference option allows you to specify keyboard shortcuts for OS X Service items. OS X Services does set a few limitations on using key equivalents. It needs to be either \Im #KEY or #KEY where KEY is an ASCII character and it must not otherwise be used in the current application (we didn't make the rules).

To remove a key equivalent, select the key field and press SPACE.

TextSoap sets the key for the specific cleaner, so even if you change groups – if that cleaner is contained in the group, it will retain its key equivalent. TextSoap will only set the key equivalent for an item that is to be displayed in OS X Service menu. Key equivalents set for cleaners not in the group used by OS X Services will be ignored.

Because of these limitations, we recommend that you use key equivalents sparingly. *Tip: You can change the key equivalents "on the fly". If you have use for a specific cleaner, setup a key equivalent, in most cases the changes are immediate. When you're done, just remove it if necessary.*

Clear All Key Shortcuts – This option allows you to remove key shortcuts associated with all the cleaners.

Plug-ins (Deluxe)

Requires a TextSoap Deluxe license.

Preferences: Applica	ation Plug-in I	Managen	nent	0
	æ	£03		
General New Documents MyScrub Integration	Key Shortcuts	Plug-ins	Advanced	
Application Plug-ins are placed in the specific u Highlight the plug-in to show the location.	ser folder-based	d locations	i.	
Application plug-in		Installed		Version
BBEdit 8		`	Yes	5 R2 Beta 5
TextWrangler 2		```	Yes	5 R2 Beta 5
Mailsmith			No	
Eudora		`	Yes	5 R2 Beta 6
/Users/mmunz/Library/Application Support/BBEdit/Plug-i	ns/		Pamova	
			Kemove	Instan
(Update Installed Plug-ins) (Show I	Extras Folder	in Finder	\mathbf{O}	

TextSoap 5 offers some new plug-in management tools to ease the installation and updating of these plug-ins. Each tool has a check box and shows you the location of the actual plug-in. System tools are installed by default and cannot be unchecked.

You can optionally install plug-ins for BBEdit, TextWrangler, Mailsmith and Eudora by checking the item next to the appropriate name.

BBEdit, TextWrangler and Mailsmith allow plug-ins in the Applications support folder. The plug-ins are copied and updated in this location. The applications will automatically pick up the updated versions.

Eudora does not support plug-ins in the Applications support folder. This requires one additional step by the user. After checking the items. An alias to the plug-in (now located in ~/Applications Support/Eudora/Plug-Ins/) is created and placed in the Eudora/Contents/PlugIns/ folder). Doing this allows the plug-in to be updated in the Applications Support folder and still recognized in the Eudora application

Advanced (Deluxe)



Administrators of machines with multiple users may find the following options helpful in maintaining the machines.

Disable automatic update of plug-ins – This option will disable the feature of automatically update any installed plug-ins when a different version of TextSoap is run.

Administrators that wish to manually install the plug-ins on a permachine (vs. a per-user) basis can check this time.

Don't copy helper app to support folder – To support drag-ndrop install, TextSoap copies a helper application into Applications Support folder.

Administrators will want to turn this option on to run the helper application directly from the Application. This prevents TextSoap from making copies of the helper application on a per-user basis.

The one side effect of this is that you need to drag the old application to the trash and then copy in the new one. The Finder will not replace the application otherwise.

Helper is only active with Application – This option only keeps the Helper application running when the main application is running.

Note: The Helper application is needed to support OS X Services, Contextual Menus, the application plug-ins or AppleScript Addition. These services will be **unavailable** if the helper application is not running.

This option is off by default for registered users. *This option is on (and disabled) while the application is in trial mode.*