

## Template tags

... - end tag required

<b>{# one line comment #}</b>	
<b>autoescape...</b>	on/off
<b>block...</b>	name
<b>comment...</b>	
<b>cycle</b>	"one" "two" "three"
<b>debug</b>	
<b>extends</b>	"template"
<b>filter...</b>	filter1   filter2
<b>firstof</b>	var1 var2 "default"
<b>for...</b>	item in a_list
<b>if...else...endif</b>	boolean expression
<b>ifchanged...</b>	var

<b>ifequal...</b>	var1 var2
<b>ifnotequal...</b>	var1 var2
<b>include</b>	"template"
<b>load</b>	tag_library
<b>now</b>	"date format"
<b>regroup</b>	list_of_dicts by key as var
<b>spaceless...</b>	
<b>templatetag</b>	openblock open or close block, brace, variable, comment
<b>url</b>	view arg, kwarg=value
<b>widthratio</b>	a b c a ÷ b × c
<b>with...</b>	var1.attr as var2

## Template date formats

<b>h</b> 01 to 12	HOUR	<b>d</b> 01 to 31	DAY	<b>F</b> January	MONTH	<b>T</b> EST, MDT	TIME
<b>g</b> 1 to 12		<b>j</b> 1 to 31		<b>M</b> Jan		<b>O</b> +0200	
<b>H</b> 00 to 23		<b>S</b> suffix: st, nd, rd or th		<b>b</b> jan		<b>Z</b> -43200 to 43200 (seconds)	
<b>G</b> 0 to 23		<b>l</b> Friday		<b>N</b> Jan., Feb., March, May			
<b>i</b> 00 to 59	MIN & SEC	<b>D</b> Fri	DAY OF WEEK	<b>m</b> 01 to 12	YEAR	<b>f</b> l, l:30	FORMATS
<b>s</b> 00 to 59		<b>w</b> 0 (Sun) to 6 (Sat)		<b>n</b> 1 to 12		<b>P</b> l a.m., l:30 p.m., noon	
<b>a</b> a.m. or p.m.	AM & PM	<b>z</b> day of year: 0 to 365	MISC	<b>y</b> 99	YEAR	<b>L</b> is leap year: True or False	MISC
<b>A</b> AM or PM		<b>W</b> week number: 1 to 53		<b>Y</b> 1999		<b>t</b> length of month: 28 to 31	

## ModelAdmin options

<b>date_hierarchy</b>	= "date_field"
<b>form</b>	= FormClass
<b>fieldsets</b>	= [{"Details", {"fields": ("name",)}}]
<b>fields</b>	= list_of_field_names
<b>filter_horizontal</b>	= False
<b>filter_vertical</b>	= False
<b>list_display</b>	= list_of_field_names
<b>list_display_links</b>	= list_of_field_names
<b>list_filter</b>	= list_of_field_names
<b>list_per_page</b>	= 100

<b>list_select_related</b>	= False
<b>inlines</b>	= list_of_InlineClasses
<b>ordering</b>	= list_of_field_names
<b>prepopulated_fields</b>	= {"slug": ("name",)}
<b>radio_fields</b>	= {"agree": admin.VERTICAL}
<b>raw_id_fields</b>	= list_of_fk_fields
<b>save_as</b>	= False
<b>save_on_top</b>	= False
<b>search_fields</b>	= list_of_field_names

## Template filters

<b>default</b>	value	GENERAL
<b>default_if_none</b>	value	
<b>yesno</b>	"yes,no,none"	
<b>stringformat</b>	"s" python "%" formatting	

<b>first</b>		LISTS
<b>last</b>		
<b>random</b>		
<b>length</b>		
<b>length_is</b>	number	
<b>join</b>	", "	
<b>make_list</b>	makes list of digits/characters	
<b>slice</b>	"1:5"	
<b>dictsort</b>	"key"	
<b>dictsortreversed</b>	"key"	
<b>unordered_list</b>	adds <li> tags	

<b>escape</b>		ESCAPING
<b>force_escape</b>		
<b>safe</b>	don't escape	
<b>escapejs</b>	\x20 escapes	
<b>iriencode</b>	IRI to URI	
<b>urlencode</b>	%20 escapes	

<b>add</b>	5	NUMBERS
<b>divisibleby</b>	3	
<b>floatformat</b>	decimal_places	
<b>filesizeformat</b>		
<b>get_digit</b>	n nth-rightmost digit from integer	
<b>pluralize</b>	"y,ies"	

<b>date</b>	"date_format"	DATES & TIMES
<b>time</b>	"date_format"	
<b>timesince</b>	datetime	
<b>timeuntil</b>	datetime	

<b>lower</b>		TEXT FORMATTING
<b>upper</b>		
<b>title</b>		
<b>capfirst</b>		
<b>slugify</b>		
<b>ljust</b>	width	
<b>rjust</b>	width	
<b>center</b>	width	
<b>wordwrap</b>	width	
<b>wordcount</b>		
<b>striptags</b>		
<b>removetags</b>	"a img"	
<b>truncatewords</b>	number	
<b>truncatewords_html</b>	number adds closing tags	
<b>linebreaks</b>		
<b>linebreaksbr</b>		
<b>urlize</b>		
<b>urlizetrunc</b>	max_length	
<b>cut</b>	"x" strips "x" from string	
<b>linenumbers</b>		
<b>phone2numeric</b>		
<b>pprint</b>		

## InlineModelAdmin options

<b>model</b>	= Book
<b>fk_name</b>	= "book"
<b>formset</b>	= BaselineFormSet
<b>extra</b>	= 3
<b>max_num</b>	= 0
<b>template</b>	= "template"
<b>verbose_name</b>	= "Book"
<b>verbose_name_plural</b>	= "Books"

# DJANGO CHEAT SHEET

Version 1.0

## Model fields common options

<b>null</b>	=False
<b>blank</b>	=False
<b>choices</b>	= <i>list_of_tuples</i>
<b>db_column</b>	= <i>"column_name"</i>
<b>db_index</b>	=False
<b>db_tablespace</b>	= <i>"tablespace_name"</i>
<b>default</b>	= <i>value_or_func</i>
<b>editable</b>	=True
<b>help_text</b>	= <i>"text"</i>
<b>primary_key</b>	=False
<b>unique</b>	=False
<b>unique_for_date</b>	= <i>"date_field"</i>
<b>unique_for_month</b>	= <i>"date_field"</i>
<b>unique_for_year</b>	= <i>"date_field"</i>

## Meta class options

<b>abstract</b>	=False
<b>db_table</b>	= <i>"table_name"</i>
<b>db_tablespace</b>	= <i>"tablespace_name"</i>
<b>get_latest_by</b>	= <i>"field_name"</i>
<b>order_with_respect_to</b>	= <i>"fk_field_name"</i>
<b>ordering</b>	= <i>list_of_columns</i>
<b>permissions</b>	= <i>list_of_tuples</i>
<b>unique_together</b>	= <i>list_of_tuples</i>
<b>verbose_name</b>	= <i>"Model"</i>
<b>verbose_name_plural</b>	= <i>"Models"</i>

## Form fields common options

<b>required</b>	=True
<b>label</b>	= <i>"Field name"</i>
<b>initial</b>	= <i>{}</i>
<b>widget</b>	= <i>Widget</i>
<b>help_text</b>	= <i>"text"</i>
<b>error_messages</b>	= <i>{}</i>

## Model fields

<b>BooleanField</b>	
<b>NullBooleanField</b>	
<b>CharField</b>	<i>max_length</i>
<b>TextField</b>	
<b>SlugField</b>	<i>max_length</i> = 50
<b>FilePathField</b>	<i>path</i> = <i>"/home/images"</i> <i>match</i> = <i>r"\.jpg\$"</i> <i>recursive</i> = True <i>max_length</i> = 100
<b>IntegerField</b>	
<b>PositiveIntegerField</b>	
<b>AutoField</b>	
<b>DecimalField</b>	<i>max_digits</i> = 10 <i>decimal_places</i> = 2
<b>FloatField</b>	
<b>SmallIntegerField</b>	
<b>PositiveSmallIntegerField</b>	
<b>CommaSeparatedIntegerField</b>	<i>max_length</i> = 50
<b>DateField</b>	<i>auto_now</i> = False <i>auto_now_add</i> = False

<b>DateTimeField</b>	<i>auto_now</i> = False <i>auto_now_add</i> = False
<b>TimeField</b>	<i>auto_now</i> = False <i>auto_now_add</i> = False
<b>EmailField</b>	<i>max_length</i> = 75
<b>IPAddressField</b>	
<b>URLField</b>	<i>verify_exists</i> = True <i>max_length</i> = 200
<b>FileField</b>	<i>upload_to</i> = <i>"uploads/"</i> <i>max_length</i> = 100 <i>storage</i> = <i>FileSystemStorage</i>
<b>ImageField</b>	<i>upload_to</i> = <i>"uploads/"</i> <i>max_length</i> = 100 <i>storage</i> = <i>FileSystemStorage</i> <i>height_field</i> = <i>"field_name"</i> <i>width_field</i> = <i>"field_name"</i>
<b>XMLField</b>	<i>schema_path</i> = <i>path_to_RelaxNG_schema</i>

## Relational model fields

<b>ForeignKey(model)</b>	<i>related_name</i> = <i>"model_set"</i> <i>limit_choices_to</i> = <i>query_kwarg</i> <i>to_field</i> = <i>"key_field"</i>
<b>ManyToManyField(model)</b>	<i>related_name</i> = <i>"model_set"</i> <i>limit_choices_to</i> = <i>query_kwarg</i> <i>through</i> = <i>"IntermediateModel"</i> <i>symmetrical</i> = True
<b>OneToOneField(model)</b>	<i>parent_link</i> = <i>"field"</i>
<b>GenericForeignKey("content_type_field", "object_id_field")</b>	

## Form error\_messages keys

<b>required</b>	<b>max_decimal_places</b>
<b>max_length</b>	<b>max_whole_digits</b>
<b>min_length</b>	<b>missing</b>
<b>invalid</b>	<b>empty</b>
<b>invalid_choice</b>	<b>invalid_image</b>
<b>max_value</b>	<b>invalid_list</b>
<b>min_value</b>	<b>invalid_link</b>
<b>max_digits</b>	

## Form fields

<b>BooleanField</b>		<b>FloatField</b>	<i>max_value</i> <i>min_value</i>	<b>ModelChoiceField</b>	<i>queryset</i> <i>empty_label</i> = <i>"----</i> " <i>cache_choices</i> = False	<b>IPAddressField</b>	
<b>NullBooleanField</b>		<b>DateField</b>	<i>input_formats</i> = <i>list_of_formats</i>	<b>ModelMultipleChoiceField</b>	<i>queryset</i> <i>cache_choices</i> = False	<b>FileField</b>	
<b>CharField</b>	<i>max_length</i> <i>min_length</i>	<b>DateTimeField</b>	<i>input_formats</i> = <i>list_of_formats</i>	<b>URLField</b>	<i>max_length</i> <i>min_length</i> <i>verify_exists</i> = False <i>validator_user_agent</i>	<b>ImageField</b>	
<b>IntegerField</b>	<i>max_value</i> <i>min_value</i>	<b>TimeField</b>	<i>input_formats</i> = <i>list_of_formats</i>	<b>EmailField</b>	<i>max_length</i> <i>min_length</i>	<b>FilePathField</b>	<i>path</i> = <i>"/home/images"</i> <i>match</i> = <i>r"\.jpg\$"</i> <i>recursive</i> = False
<b>DecimalField</b>	<i>max_value</i> <i>min_value</i> <i>max_digits</i> <i>decimal_places</i>	<b>ChoiceField</b>	<i>choices</i> = <i>list_of_tuples</i>			<b>RegexField</b>	<i>regex</i> <i>max_length</i> <i>min_length</i>
		<b>MultipleChoiceField</b>	<i>choices</i> = <i>list_of_tuples</i>				

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