DJANGO CHEAT SHEET
Version 1.0

Template filters

GENERAL

default	*value*
default_if_none	*value*
yesno	"yes,no,none"
stringformat	"s"
python "%" formatting	

LISTS

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

ESCAPING

escape	
force_escape	
safe	don't escape
escapejs	\x20 escapes
iriencode	IRI to URI
urlencode	%20 escapes

NUMBERS

add	5
divisibleby	3
floatformat	*decimal_places*
filesizeformat	
get_digit	*n*
nth-rightmost digit from integer	
pluralize	"y,ies"

DATES & TIMES

date	"date_format"
time	"date_format"
timesince	*datetime*
timeuntil	*datetime*

TEXT FORMATTING

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

Template tags

... - end tag required

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

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

Template date formats

HOUR

h	01 to 12
g	1 to 12
H	00 to 23
G	0 to 23

MIN & SEC

i	00 to 59
s	00 to 59

AM & PM

a	a.m. or p.m.
A	AM or PM

DAY

d	01 to 31
j	1 to 31
S	suffix: st, nd, rd or th

DAY OF WEEK

l	Friday
D	Fri
w	0 (Sun) to 6 (Sat)

MISC

z	day of year: 0 to 365
W	week number: 1 to 53

MONTH

F	January
M	Jan
b	jan
N	Jan., Feb., March, May
m	01 to 12
n	1 to 12

YEAR

y	99
Y	1999

TIME

T	EST, MDT
O	+0200
Z	-43200 to 43200 (seconds)

FORMATS

f	1, 1:30
P	1 a.m., 1:30 p.m., noon
r	Thu, 21 Dec 2000 16:01:07 +0200

MISC

L	is leap year: True or False
t	length of month: 28 to 31

ModelAdmin options

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

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

InlineModelAdmin options

model	=Book
fk_name	="book"
formset	=BaseInlineFormSet
extra	=3
max_num	=0
template	="template"
verbose_name	="Book"
verbose_name_plural	="Books"

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Model fields common options

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

Meta class options

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

Form fields common options

required	=True
label	="Field name"
initial	={}
widget	=Widget
help_text	="text"
error_messages	={}

Model fields

BooleanField

NullBooleanField

CharField
max_length	

TextField

SlugField
max_length	=50

FilePathField
path	="/home/images"
match	=r"\.jpg$"
recursive	=True
max_length	=100

IntegerField

PositiveIntegerField

AutoField

DecimalField
max_digits	=10
decimal_places	=2

FloatField

SmallIntegerField

PositiveSmallIntegerField

CommaSeparatedIntegerField
max_length	=50

DateField
auto_now	=False
auto_now_add	=False

DateTimeField
auto_now	=False
auto_now_add	=False

TimeField
auto_now	=False
auto_now_add	=False

EmailField
max_length	=75

IPAddressField

URLField
verify_exists	=True
max_length	=200

FileField
upload_to	="uploads/"
max_length	=100
storage	=FileSystemStorage

ImageField
upload_to	="uploads/"
max_length	=100
storage	=FileSystemStorage
height_field	="field_name"
width_field	="field_name"

XMLField
schema_path	=path_to_RelaxNG_schema

Relational model fields

ForeignKey(model)
related_name	="model_set"
limit_choices_to	=query_kwargs
to_field	="key_field"

ManyToManyField(model)
related_name	="model_set"
limit_choices_to	=query_kwargs
through	="IntermediateModel"
symmetrical	=True

OneToOneField(model)
parent_link	="field"

GenericForeignKey("content_type_field", "object_id_field")

Form error_messages keys

required	max_decimal_places
max_length	max_whole_digits
min_length	missing
invalid	empty
invalid_choice	invalid_image
max_value	invalid_list
min_value	invalid_link
max_digits	

Form fields

BooleanField

NullBooleanField

CharField
max_length	
min_length	

IntegerField
max_value	
min_value	

DecimalField
max_value	
min_value	
max_digits	
decimal_places	

FloatField
max_value	
min_value	

DateField
input_formats	=list_of_formats

DateTimeField
input_formats	=list_of_formats

TimeField
input_formats	=list_of_formats

ChoiceField
choices	=list_of_tuples

MultipleChoiceField
choices	=list_of_tuples

ModelChoiceField
queryset	
empty_label	="----"
cache_choices	=False

ModelMultipleChoiceField
queryset	
cache_choices	=False

URLField
max_length	
min_length	
verify_exists	=False
validator_user_agent	

EmailField
max_length	
min_length	

IPAddressField

FileField

ImageField

FilePathField
path	="/home/images"
match	=r"\.jpg$"
recursive	=False

RegexField
regex	
max_length	
min_length	