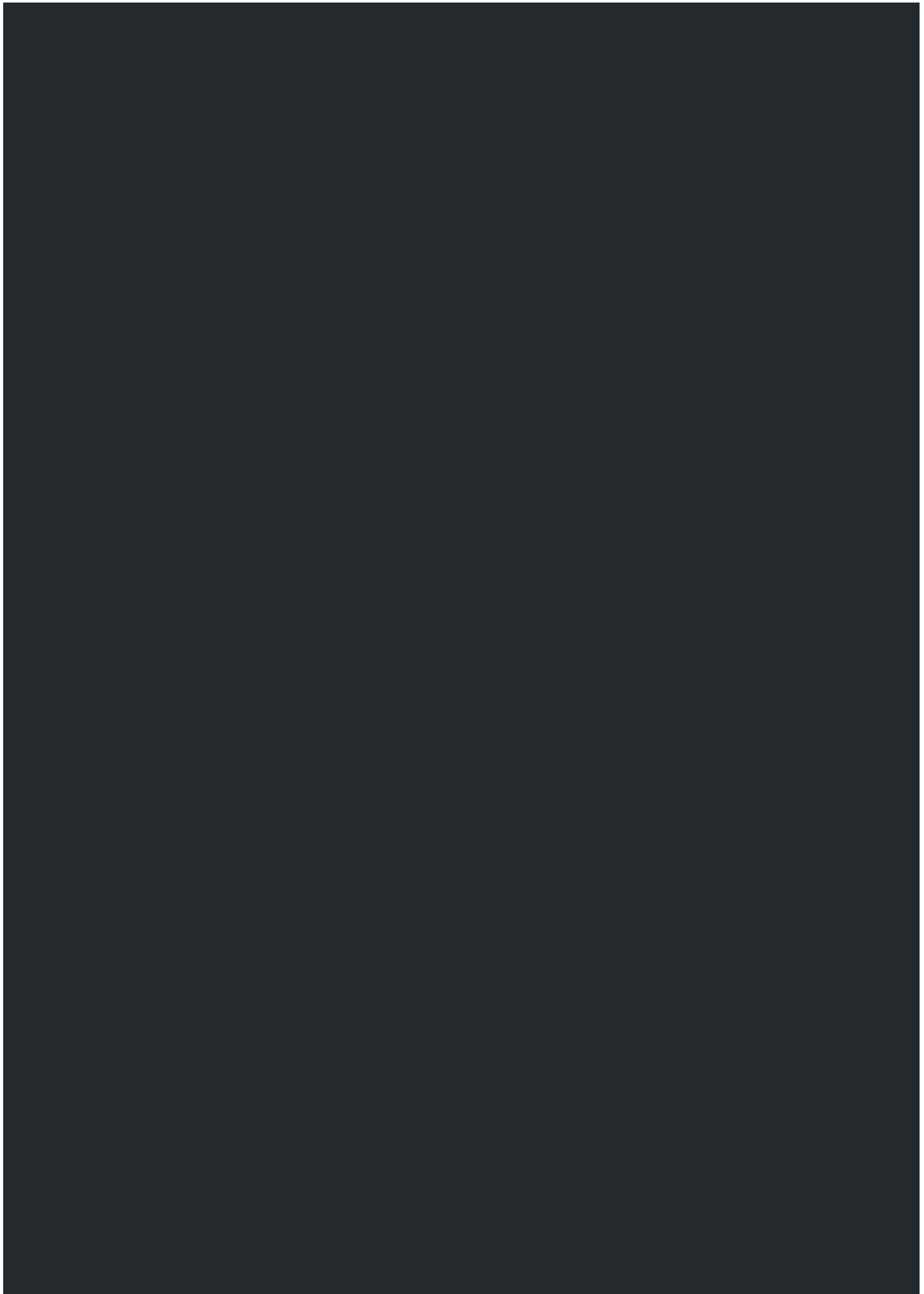
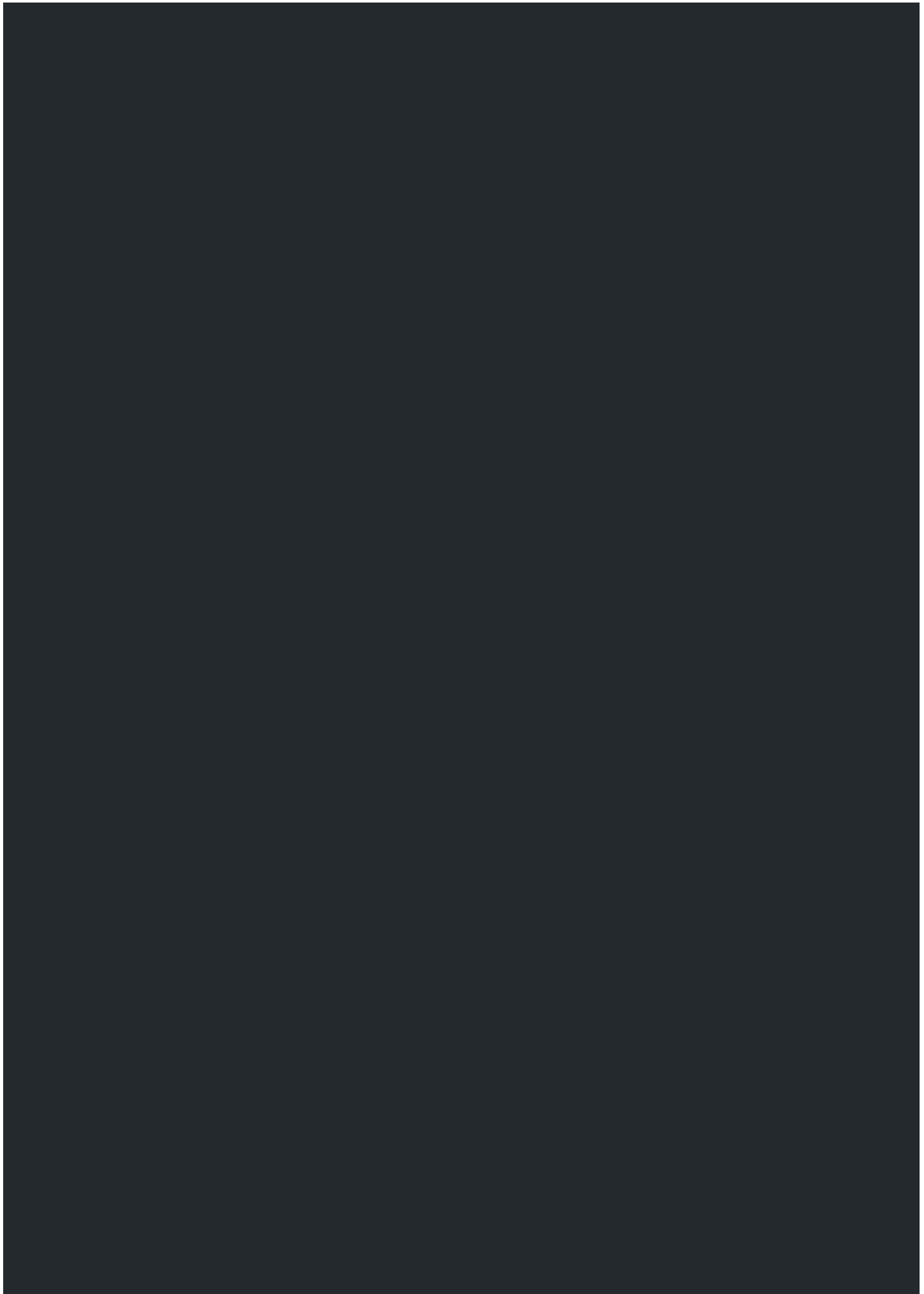


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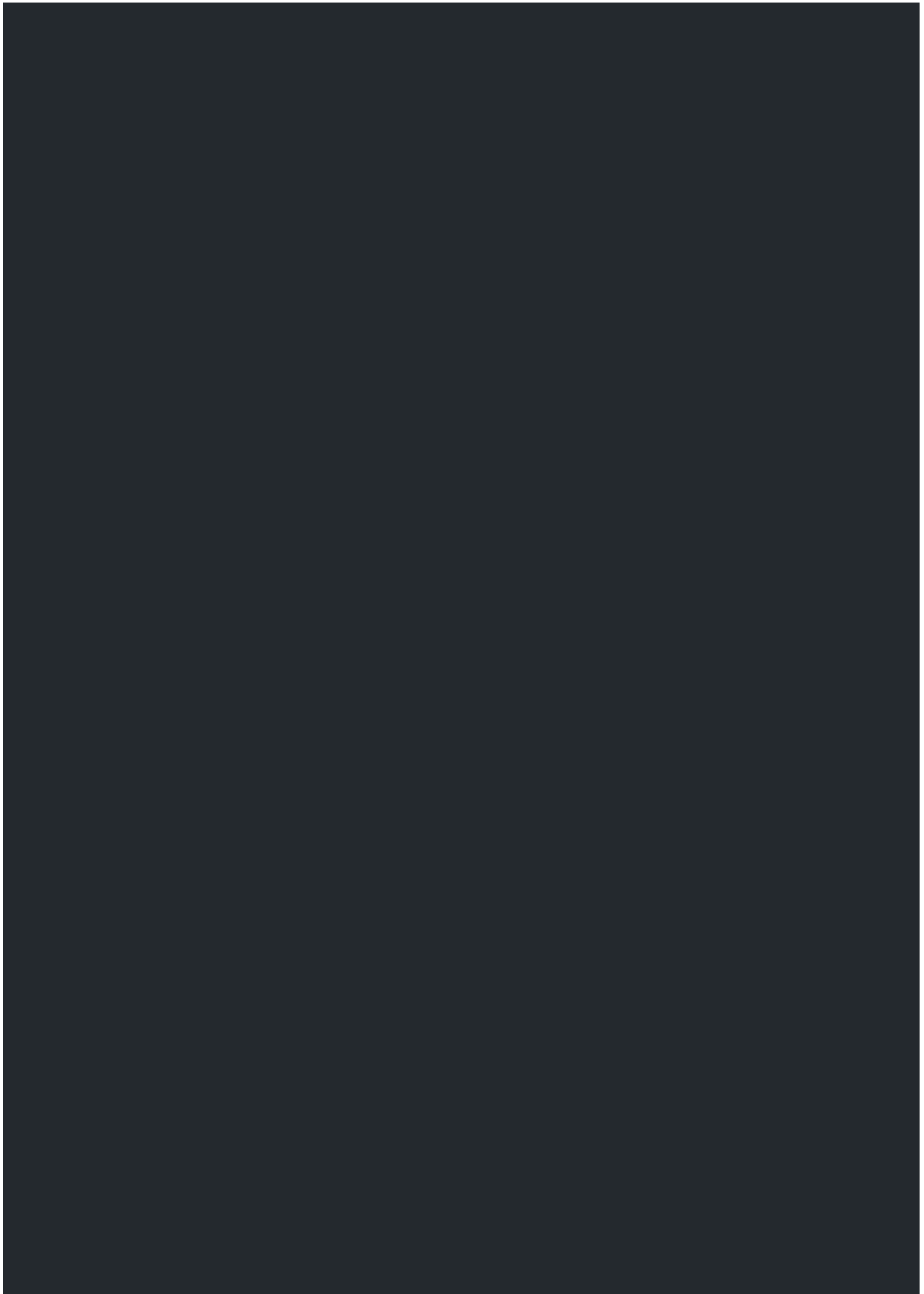


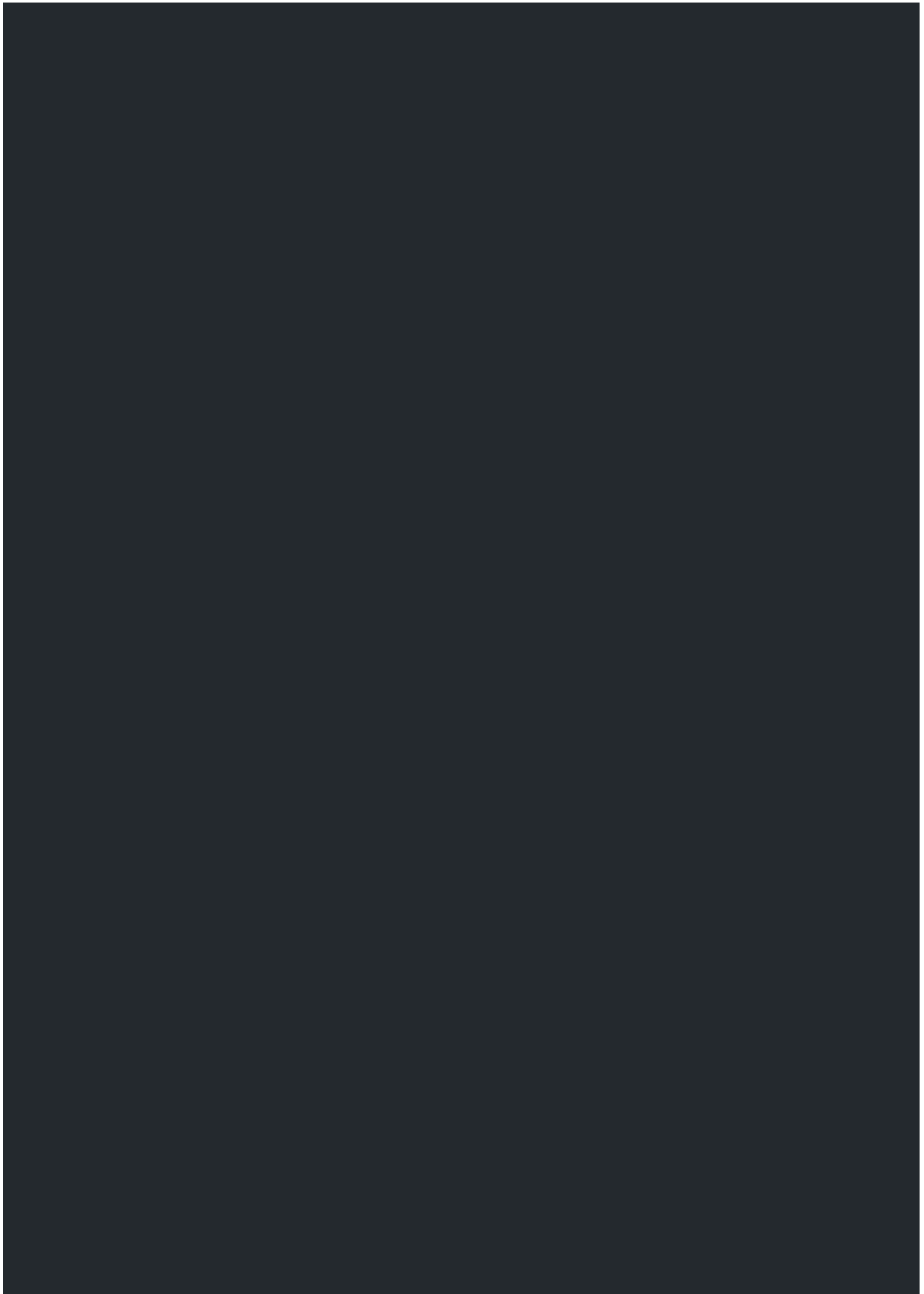
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This sheet is perfect for both developers and designers. It'll list all the structure controls and tests you can do with twig's engine. Assets, templates, filters, operators won't be a hard thing to remember with that sheet.

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#Twig-Cheat-Sheet



This sheet is perfect for both developers and designers. It'll list all the structure controls and tests you can do with twig's engine. Assets, templates, filters, operators won't be a hard thing to remember with that sheet.

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Operators

Operator	Purpose
[not] in	Containment operator
is [not]	Test operator
..	Creates a sequence
	Applies a filter
~	Concatenation
. or []	Gets an attribute of an object
?:	Ternary operator
{{ }}	Used to print the result of an expression evaluation
{% %}	Used to execute statements

Variables

Print

```
{{ a_variable }}
{{ foo.bar }}
{{ foo['bar'] }}
```

Set

```
{% set value = 'foobar' %}
{% set foo = 'foo' %}
{% set foo = [ 1, 2] %}
{% set foo = {'foo': 'bar'} %}
{% set foo = 'foo' ~ 'bar' %}
{% set foo, bar = 'foo', 'bar' %}
```

```
{% set value %}
<div id="foobar">
...
</div>
{% endset %}
```

Filters

```
{{ foo|striptags }}
{% filter upper %}This text becomes uppercase{% endfilter %}
```

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Comment

```
{# single line comment #}
```

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Whitespace Control

```
{% spaceless %}
  <div>
    <strong>title</strong>
  </div>
{% endspaceless %}
{# Output will be <div><strong>title</strong></div> #}
{% set value = 'Lorem Ipsum' %}
{{- value -}}
<h1> {{- value }} </h1>
{# Will output <h1>Lorem Ipsum </h1> #}
```

```
remove white space inside the attribute
{%- foo -%}
```

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Macro

```
{% macro link(url,label) %}
  <a href="{{ url }}"> {{ label }}</a>
{% endmacro %}
{{ _self.link('index.html','Home') }}
{% import "forms.html" as forms %}
{% from 'forms.html' import input as input_field %}
{{ form.input('foobar') }}
{{ input_field('foobar') }}
```

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Escaping

```
{{ '{{' }}
```

```
{% raw %}
  {% set value = 'Lorem Ipsum' %}
  <h1>{{ value }}</h1>
{% endraw %}
```

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Control Structures

FOR

```
<ul>
  {% for item in collection %} <li>{{ item }}</li> {% endfor %}
</ul>
```

```
{% for letter in 'a'..'z' %}
  {{ letter }}
{% endfor %}
```

```
{% for i in 0..9 %}
  {{ i }}
{% endfor %}
```

```
{% for item in collection %}
  {{ item }}
{% else %}
  No item.
{% endfor %}
```

```
{% for i in range(0,10,2) %}
  {{ i }}
{% endfor %}
{% for item in collection %}
  {{ loop.index }}
{% endfor %}
```

```
{% for key in items|keys %}
  {{ key }}
{% endfor %}
```

```
{% for key, item in items %}
    {{ key }} : {{ item }}
{% endfor %}
```

loop.index	The current iteration of the loop (1 indexed)
loop.index0	The current iteration of the loop (0 indexed)
loop.revindex	The number of iterations from the end of the loop (1 indexed)
loop.revindex0	The number of iterations from the end of the loop (0 indexed)
loop.first	True if first iteration
loop.last	True if last iteration
loop.length	The number of items in the sequence
loop.parent	The parent context

IF

```
{% if foo %}
...
{% elseif bar %}
...
{% else %}
...
{% endif %}
```

```
{% if items %}
    <ul>
        {% for item in items %}
            <li>{{ item }}</li>
        {% endfor %}
    </ul>
{% endif %}
```

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Templates and Blocks

Define a block (redefine is existing)

```
`` {% block sidebar %} ... {% endblock %} ``
```

Parent block

```
`` {% block sidebar %} {{ parent() }} {% endblock %} ``
```

Extends a template

```
`` {% extends "base.html.twig" %} ``
```

Include a template

```
`` {% include "header.html.twig" %} ``
```

Include with access options

```
`` {% include "header.html.twig" with { 'foo' : 'bar' } only %} ``
```

Import blocks from a template

```
`` {% use "blocks.html.twig" %} ``
```

Import blocks with alias

```
`` {% use "blocks.html.twig" with sidebar as base_sidebar %} ``
```

Call a block

```
"" {{ block('base_sidebar') }} "" [Back to top](#twig-cheat-sheet)
```

##Built-in Filters date

```
{{ post.created_at|date("d/m/Y") }}  
{{ "now"|date("d/m/Y") }}
```

format

```
format {{ "I like %s and %s"|format(foo, 'bar') }}
```

replace

```
{{ "Hello %name% !"|replace({'%name%': 'world'}) }}
```

url_encode URL encodes a given string.

json_encode Return the JSON representation of a given string.

title Return a titlecased version of the value.

capitalize Return a capitalized version of the value.

upper Convert a value to uppercase

lower Convert a value to lowercase

striptags Strips SGML/XML tags and replace adjacent whitespaces by one space

join

```
{{ [a, b, c]|join(', ') }} {# return "a,b,c" #}  
{{ [a, b, c]|join }} {# return abc #}
```

reverse Reverses an array or an object implementing the iterator interface

length Return the number of items of a sequence or array, or the length of a string

sort Sort an array

default

```
{{ var|default('var is not defined') }}
```

keys

```
{% for key in array|keys %} ... {% endfor %}
```

escape, e Convert a string to HTML-safe sequences.

```
raw      Value will not be escaped
```

```
merge    Merge an array with the value.
```

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##Global Functions range

```
{% for i in range(0, 3) %} {{ i }} {% endfor %}
{# returns 0, 1, 2, 3 #}

{% for i in range (0, 6, 2) %} {{ i }} {% endfor %}
```

cycle

```
{% for i in 0..10 %}
    {{ cycle(['odd', 'even'], i) }}
{% endfor %}
```

constant

```
Returns the constant value for a given string.
{{ some_date|date(constant('DATE_W3C')) }}
```

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##Automatic Escaping

```
{% autoescape %}
    Everything will be automatically escaped in this block
    using the HTML strategy
{% endautoescape %}
{% autoescape 'html' %}
    Everything will be automatically escaped in this block
    using the HTML strategy
{% endautoescape %}
{% autoescape 'js' %}
    Everything will be automatically escaped in this block
    using the js escaping strategy
{% endautoescape %}
{% autoescape false %}
    Everything will be outputted as is in this block
{% endautoescape %}
```

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##Symfony2 Generate URL

```
{{ path('route_name', {'param': 'value'}) }}
```

Generate absolute URL

```
{{ url('route_name') }}
```

Link to Assets

```
<link rel="stylesheet" href="{{ asset('css/style.css') }}" type="text/css" />
```

```

```

Registering extension

```
<services>
  <service id="acme.twig.acme_extension" class="Project_Twig_Extension">
    <tag name="twig.extension" />
  </service>
</services>
```

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