

Django pagination - example from documentation. How to display with all sites number?

[Ask Question](#)

Asked 6 years, 6 months ago Active 18 days ago Viewed 18k times

▲ This is example from documentation Django:

6



3



```
def listing(request):
    contact_list = Contacts.objects.all()
    paginator = Paginator(contact_list, 25) # Show 25 contacts per page

    page = request.GET.get('page')
    try:
        contacts = paginator.page(page)
    except PageNotAnInteger:
        # If page is not an integer, deliver first page.
        contacts = paginator.page(1)
    except EmptyPage:
        # If page is out of range (e.g. 9999), deliver last page of results.
        contacts = paginator.page(paginator.num_pages)

    return render_to_response('list.html', {"contacts": contacts})
```

template:

```
{% for contact in contacts %}
    {# Each "contact" is a Contact model object. #}
    {{ contact.full_name|upper }}<br />
    ...
{% endfor %}

<div class="pagination">
```

```

<span class="step-links">
  {% if contacts.has_previous %}
    <a href="?page={{ contacts.previous_page_number }}">previous</a>
  {% endif %}

  <span class="current">
    Page {{ contacts.number }} of {{ contacts.paginator.num_pages }}.
  </span>

  {% if contacts.has_next %}
    <a href="?page={{ contacts.next_page_number }}">next</a>
  {% endif %}
</span>
</div>

```

This display for example:

Page 2 of 3. next

How to display it in this way:

```
previous 1 <b>2</b> 3 Next
```

Current page with html `` mark.

?

django

share improve this question

add a comment

asked Jul 5 '13 at 14:12



user2426362

229 ● 2 ● 4 ● 16

4 Answers

active oldest votes

You can try this:

19



```
{% for num in contacts.paginator.page_range %}
  {% ifequal num contacts.number %}
    <span class="current"><b>{{ num }}</b></span>
  {% else %}
    <a href="?page={{ num }}"> {{ num }}</a>
  {% endifequal %}
{% endfor %}
```

share improve this answer

answered Jul 5 '13 at 14:21



arturex

527 ● 5 ● 11

Note: You can replace "ifequal" with {% if num == contacts.number %} ... {% else %} ... {% endif %} – [yesnik](#) May 26 '14 at 9:46

[add a comment](#)

Below example is actually for class based views but would work fine. CSS is Twitter Bootstrap V3.0.0.

18



```
{% if is_paginated %}
<ul class="pagination">
  {% if page_obj.has_previous %}
    <li><a href="?page={{ page_obj.previous_page_number }}">&laquo;</a></li>
  {% else %}
    <li class="disabled"><a href="#">&laquo;</a></li>
  {% endif %}

  {% for num in page_obj.paginator.page_range %}
    {% ifequal num page_obj.number %}
      <li class="active"><a href="#">{{ num }}<span class="sr-only">(current)</span></a></li>
    {% else %}

```

```

        <li><a href="?page={{ num }}">{{ num }}</a></li>
    {% endifequal %}
{% endfor %}

    {% if page_obj.has_next %}
        <li><a href="?page={{ page_obj.next_page_number }}">&raquo;</a></li>
    {% else %}
        <li class="disabled"><a href="#">&raquo;</a></li>
    {% endif %}
</ul>
{% endif %}

```

share improve this answer

edited Jan 31 '14 at 23:02



michel.iamit

4,864 ● 7 ● 46 ● 66

answered Sep 29 '13 at 18:58



campervancoder

1,289 ● 2 ● 10 ● 14

1 This answer is perfect but In my page there are total 50 pages then its displaying 1....50 page number. what to do to solve this issue ? – Mohini Oct 30 '15 at 9:50

add a comment



If someone needs Bootstrap 4 Alpha 5 version of code.

4



Also I did two changes:

1. I do not like duplicates of pages, so I changed in my case `/profiles/?page=1` to simple `/profiles/`.
2. I have lots of pages, so I do not show all pages. I show just: The 1st, the last, current and +-3 pages from the current one, and every 10th page.



If you need just all pages with Bootstrap 4 without my modifications, just remove unnecessary parts of code (everything is commented).

```

{% if is_paginated %}
    <nav aria-label="Page navigation">
        <ul class="pagination">
            <!-- << PREVIOUS PART -->

```

```

<!-- << Disable 'Previous' page button if you are at the 1st page -->
{% if not page_obj.has_previous %}
    <li class="page-item disabled">
        <a class="page-link" href="#" tabindex="-1" aria-label="Previous">

<!-- << If you are at the 2nd page,
'Previous' page button will get '/profiles/' url instead of '/profiles/?page=1' -->
{% elif page_obj.previous_page_number == 1 %}
    <li class="page-item">
        <a class="page-link" href="{{ profiles_1st_page_url }}" aria-label="Previous">

{% else %}
    <li class="page-item">
        <a class="page-link" href="?page={{ page_obj.previous_page_number }}" aria-label="Previous">
{% endif %}

        <span aria-hidden="true">&laquo;</span>
        <span class="sr-only">Previous</span>
    </a>
</li>

<!-- PAGES PART -->
{% for num in page_obj.paginator.page_range %}
    <!-- Active page -->
    {% if num == page_obj.number %}
        <li class="page-item active">
            <a class="page-link" href="#">{{ num }}<span class="sr-only">(current)</span>
        </li>

    {% else %}
        <li class="page-item">
            <!-- For the 1st page we do not use ?page=1 -->

```

And it looks like:

«	1	10	12	13	14	15	16	17	18	20	30	40	50	60	70	80	84	»
---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---

share improve this answer

edited Oct 26 '16 at 16:26

answered Oct 26 '16 at 16:21

TitanFighter

[add a comment](#)

▲ This is mine.

0



```
{% if page.paginator.num_pages > 1 %}
<nav aria-label="Page navigation">
  <ul class="pagination justify-content-center">
    {% if page.paginator.num_pages != 1 %}
      <li class="page-item"><a class="page-link" href="?page=1">First</a></li>
    {% else %}
      <li class="page-item disabled"><a class="page-link" href="#">First</a></li>
    {% endif %}
    {% if page.has_previous %}
      <li class="page-item"><a class="page-link" href="?page={{ page.previous_page_number }}">&laquo;
    {% else %}
      <li class="page-item disabled"><a class="page-link" href="#">&laquo;
    {% endif %}
    {% for i in page.paginator.page_range %}
      {% if page.number == i %}
        <li class="page-item active"><a class="page-link" href="#">{{ i }} <span class="sr-on
      {% elif page.number > i|add:"-5" and page.number < i|add:"+5"%}
        <li class="page-item"><a class="page-link" href="?page={{ i }}">{{ i }}</a></li>
      {% endif %}
    {% endfor %}
    {% if page.has_next %}
      <li class="page-item"><a class="page-link" href="?page={{ page.next_page_number }}">&raquo;
    {% else %}
      <li class="page-item disabled"><a class="page-link" href="#">&raquo;
    {% endif %}
    {% if page.paginator.num_pages != page.number %}
      <li class="page-item"><a class="page-link" href="?page={{ page.paginator.num_pages }}">La
    {% else %}
      <li class="page-item disabled"><a class="page-link" href="#">Last</a></li>
    {% endif %}
  </ul>
</nav>
{% endif %}
```

Looks like

First « 1 2 3 4 5 6 7 8 » Last

share improve this answer

answered Jan 1 at 13:04



flaab

351 ● 6 ● 17

add a comment



Highly active question. Earn 10 reputation in order to answer this question. The reputation requirement helps protect this question from spam and non-answer activity.

Not the answer you're looking for? Browse other questions tagged [django](#) or [ask your own question](#).

Blog



How to create micro-interactions with react-spring: Part 1





This week, #StackOverflowKnows syntactic sugar, overfit or nah, and the...


Featured on Meta



Thank you, Robert Cartaino

 Change in roles for Jon Ericson (leaving SE)

 Has Stack Exchange rescinded moderator access to the featured tag on Meta?

 How do the moderator resignations affect me and the community?

Looking for a job?



Sr. Backend Engineer with Rails Experience

Rize  Arlington, VA

\$100K - \$120K

ruby-on-rails ruby

Software Engineer - Clearance Required - Multidisciplinary

BrainGu  Chantilly, VA

\$100K - \$120K  RELOCATION

python nosql

Big Data Developers - All Levels - U.S. Citizens Only

Mission Focus  Alexandria, VA

\$60K - \$180K

ember.js node.js

Software Engineer

Barbaricum  Springfield, VA

\$125K - \$220K  RELOCATION

hadoop cloudera

High response rate

Software Engineer - Security

Palantir  Washington, DC

javascript

algorithm



View more jobs on **Stack Overflow**



Linked

-1

How to implement paginator in search results

Related

174

How do you log server errors on django sites

10

Django Pagination Display Issue: all the page numbers show up

177

How do I use pagination with Django class based generic ListViews?

154

How to display the current year in a Django template?

229

How to execute a Python script from the Django shell?

3

Display item numbers with django paginator.

0












How to view a particular list of contacts or only my contacts in Django application?











0

From a Django 1.6 view I want to go to a non-Django webpage

- 26 Display only some of the page numbers by django pagination
- 5 Django paginator page range for not displaying all numbers

Hot Network Questions

-  A question about sampling rate of cosine signal
-  Can a creature be too stupid to know whether the companions of the person charming it are companions?
-  A new proposal suggests subdividing Washington D.C. into 127 new states so that they can change the Constitution at will. Is this possible?
-  Travel to the US with a valid ESTA when technically no longer eligible
-  Term for sacrifice that causes opponent to block an escape square?
-  proof of Prop 1.1 in Wiles' "Modular elliptic curves and Fermat's last theorem"
-  Why does the sensitivity to GWs drops off inversely proportional to the distance?
-  Sports word for winning by opponent quitting
-  Daily StandUp in a small co-located team
-  Why was it not possible to cost-reduce the Amiga 500?
-  What do I need to pay attention to when applying to an e-visa to Saint Petersburg?
-  How was 1917 filmed as a continuous shot?
-  C - manually parsing char* into integer
-  What is the command to copy a file from a directory to another directory in Mac OS?

-  Poor error handling source code review
-  Is a software-simulated experiment enough?
-  How to extend a microcontroller GPIO to ~300 inputs?
-  What is the 'QFT equivalent' of the Schroedinger equation?
-  Why would low-skilled British workers go to Sydney and Melbourne (in large numbers)?
-  What can be used in Spanish to convey "couch potato"?
-  Is the sentence 昨天把我吃得站不起来了 correct?
-  Cost of unrestricted sprites
-  How to create sub-directories without HTTP or HTTPS from string parameter
-  Realistically, does the i.i.d. assumption hold for the vast majority of supervised learning tasks?

 [Question feed](#)



STACK OVERFLOW

Questions
Jobs
Developer Jobs Directory
Salary Calculator
Help
Mobile

[Disable Responsiveness](#)

PRODUCTS

Teams
Talent
Advertising
Enterprise

COMPANY

About
Press
Work Here
Legal
Privacy Policy
Contact Us

STACK EXCHANGE NETWORK

Technology >
Life / Arts >
Culture / Recreation >
Science >
Other >

[Blog](#) [Facebook](#) [Twitter](#) [LinkedIn](#)

site design / logo © 2020 Stack Exchange Inc; user contributions licensed under [cc by-sa 4.0](#) with attribution required. rev 2020.1.17.35809

