

Let's Explore

The Message Framework Settings In Django



#pythonworld

Check this last post on
message framework



Message Framework
(django.contrib.messages.)
provides few settings give you
control over message behaviour:

1. MESSAGE_LEVEL
2. MESSAGE_STORAGE
3. MESSAGE_TAGS

1. MESSAGE_LEVEL

This settings basically sets the minimum message level that will be recorded by the messages framework

by default its INFO

```
from django.contrib.messages import constants  
as message_constants  
  
MESSAGE_LEVEL = message_constants.DEBUG
```



We can set any of them :
(DEBUG, INFO, SUCCESS, WARNING, ERROR)

Even you can set the numeric values as well.

```
MESSAGE_LEVEL = 10
```



This is DEBUG level

See the built-in numeric values

Level Constant	Value
DEBUG	10
INFO	20
SUCCESS	25
WARNING	30
ERROR	40

2. MESSAGE_STORAGE

This settings helps to set the storage backend which is used by message framework to store message, by default its store the message in session.

Default:

'django.contrib.messages.storage.fallback.FallbackStorage'

```
MESSAGE_STORAGE = 'django.contrib.messages.storage.fallback.FallbackStorage'  
MESSAGE_STORAGE = 'django.contrib.messages.storage.session.SessionStorage'  
MESSAGE_STORAGE = 'django.contrib.messages.storage.cookie.CookieStorage'
```



We can use any of these
storage backends to store
the messages

3. MESSAGE_TAGS

This setting allows you to customize the HTML tags used to render messages in templates.

```
MESSAGE_TAGS = {  
    messages.DEBUG: "debug",  
    messages.INFO: "info",  
    messages.SUCCESS: "success",  
    messages.WARNING: "warning",  
    messages.ERROR: "error",  
}
```

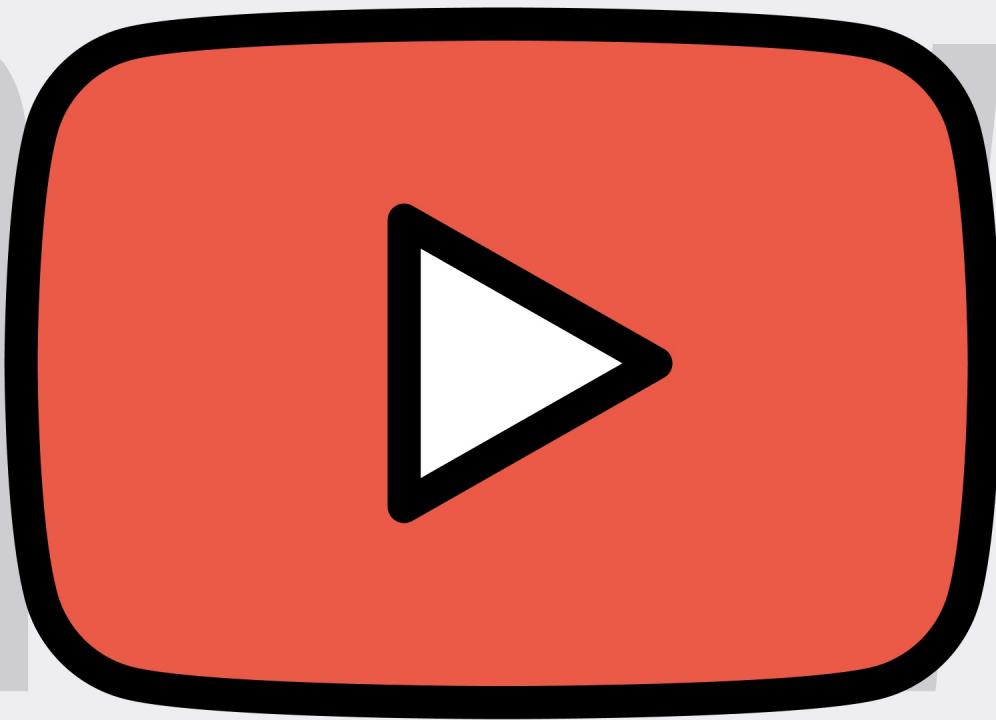
```
{% if messages %}  
    {% for message in messages %}  
        <div class="alert alert-{{message.tags}}">{{message}}</div>  
    {% endfor %}  
{% endif %}
```



We can use these tags to render as a css class and provide a proper messages colors

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