Sending e-mail

> **System Message: ERROR/3** (`D:\onboarding-resources\sample-onboarding-resources\scrapy-master\docs\topics\(scrapy-master)(docs)(topics)email.rst`, **line 7**)
>
> Unknown directive type "module".
>
> ```
>     .. module:: scrapy.mail
>        :synopsis: Email sending facility
> ```

Although Python makes sending e-mails relatively easy via the :mod:`smtplib` library, Scrapy provides its own facility for sending e-mails which is very easy to use and it's implemented using :doc:`Twisted non-blocking IO <twisted:core/howto/defer-intro>`, to avoid interfering with the non-blocking IO of the crawler. It also provides a simple API for sending attachments and it's very easy to configure, with a few :ref:`settings <topics-email-settings>`.

> **System Message: ERROR/3** (`D:\onboarding-resources\sample-onboarding-resources\scrapy-master\docs\topics\(scrapy-master)(docs)(topics)email.rst`, **line 10**); *backlink*
>
> Unknown interpreted text role "mod".

> **System Message: ERROR/3** (`D:\onboarding-resources\sample-onboarding-resources\scrapy-master\docs\topics\(scrapy-master)(docs)(topics)email.rst`, **line 10**); *backlink*
>
> Unknown interpreted text role "doc".

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>
> Unknown interpreted text role "ref".

Quick example

There are two ways to instantiate the mail sender. You can instantiate it using the standard __init__ method:

```
from scrapy.mail import MailSender
mailer = MailSender()
```

Or you can instantiate it passing a Scrapy settings object, which will respect the :ref:`settings <topics-email-settings>`:

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>
> Unknown interpreted text role "ref".

```
mailer = MailSender.from_settings(settings)
```

And here is how to use it to send an e-mail (without attachments):

```
mailer.send(to=["someone@example.com"], subject="Some subject", body="Some body", cc=["another@example.com
```

MailSender class reference

MailSender is the preferred class to use for sending emails from Scrapy, as it uses :doc:`Twisted non-blocking IO <twisted:core/howto/defer-intro>`, like the rest of the framework.

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>
> Unknown interpreted text role "doc".

param smtphost: the SMTP host to use for sending the emails. If omitted, the :setting:`MAIL_HOST` setting will be used.

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>
> Unknown interpreted text role "setting".

type smtphost: str

param mailfrom:	the address used to send emails (in the `From:` header). If omitted, the :setting:`MAIL_FROM` setting will be used.

type mailfrom:	str
param smtpuser:	the SMTP user. If omitted, the :setting:`MAIL_USER` setting will be used. If not given, no SMTP authentication will be performed.

type smtphost:	str or bytes
param smtppass:	the SMTP pass for authentication.
type smtppass:	str or bytes
param smtpport:	the SMTP port to connect to
type smtpport:	int
param smtptls:	enforce using SMTP STARTTLS
type smtptls:	bool
param smtpssl:	enforce using a secure SSL connection
type smtpssl:	bool

```
:param charset: the character encoding to use for the e-mail contents
:type charset: str
```

Mail settings

These settings define the default __init__ method values of the :class:`MailSender` class, and can be used to configure e-mail notifications in your project without writing any code (for those extensions and code that uses :class:`MailSender`).

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>
> Unknown interpreted text role "class".

> **System Message: ERROR/3 (**D:\onboarding-resources\sample-onboarding-resources\scrapy-master\docs\topics\(scrapy-master)(docs)(topics)email.rst**, line 113);** *backlink*
>
> Unknown interpreted text role "class".

> **System Message: ERROR/3 (**D:\onboarding-resources\sample-onboarding-resources\scrapy-master\docs\topics\(scrapy-master)(docs)(topics)email.rst**, line 117)**
>
> Unknown directive type "setting".
>
> ```
> .. setting:: MAIL_FROM
> ```

MAIL_FROM

Default: `'scrapy@localhost'`

Sender email to use (`From:` header) for sending emails.

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>
> Unknown directive type "setting".
>
> ```
> .. setting:: MAIL_HOST
> ```

MAIL_HOST

Default: `'localhost'`

SMTP host to use for sending emails.

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>
> Unknown directive type "setting".
>
> ```
> .. setting:: MAIL_PORT
> ```

MAIL_PORT

Default: `25`

SMTP port to use for sending emails.

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>
> Unknown directive type "setting".
>
> ```
> .. setting:: MAIL_USER
> ```

MAIL_USER

Default: `None`

User to use for SMTP authentication. If disabled no SMTP authentication will be performed.

MAIL_PASS

Default: `None`

Password to use for SMTP authentication, along with :setting:`MAIL_USER`.

MAIL_TLS

Default: `False`

Enforce using STARTTLS. STARTTLS is a way to take an existing insecure connection, and upgrade it to a secure connection using SSL/TLS.

MAIL_SSL

Default: `False`

Enforce connecting using an SSL encrypted connection