
Email notification Documentation

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AI2

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Simple package to send email, if log file has error or if healthcheck endpoint is down.

Details:

1.1 email_notification.main

`email_notification.main.checkhealth_send_email` (*server_logfile*, *email_logfile*,
healthcheck_url, *config*)

Check the health and send the log file as error message if server is down

Args:

server_logfile:str path of file where log of server is stored

email_logfile:str path of file where log of this email is stored

healthcheck_url:str url for health checkhealth

config:dict dict of config file

```
{
    "TO": "example@gmail.com",
    "FROM": "example@gmail.com",
    "SMTP_SERVER": "smtp.gmail.com", # for gmail
    "PORT": "587",
    "PASSWORD": "password"
}
```

Return: send email if server is down and email is not already send

`email_notification.main.healthcheck` (*url*)
check the health of server

Args:

url:str url of healthcheck endpoint

Return: if live True else False

`email_notification.main.send_email (error_msgd, filename, config)`
send email with error message from log file

Args:

error_msg:list Error message, each sentence as list

filename:str filename of log file

config:dict dict of config file

```
{
    "TO": "example@gmail.com",
    "FROM": "example@gmail.com",
    "SMTP_SERVER": "smtp.gmail.com", # for gmail
    "PORT": "587",
    "PASSWORD": "password"
}
```

Return: True if success else log error message

Raise: `socket.error` if error while sending message.

`email_notification.main.tail (filename, n)`
Get last n lines from file as string

Args:

filename:str filename of log file

n:int number of lines

Return: lines form file as string

2.1 email_notification.utils.utils module

`email_notification.utils.utils.logger` (*logger_name='email_notification.utils.utils', file_name='log.log', level=10*)

logger for logging

Args:

logger_name:str name of logger

filename:str path and file name

level:str logging level

Return: logger function for logging:logger

`email_notification.utils.utils.read_config` (*filename*)

Parse config yaml file

Args:

filename:str path of config file

`email_notification.utils.utils.walk_directory` (*dir_path, files_only=True*)

Get list of all file in directory recursive

Args:

dir_path:str parent directory to start

files_only:bool get list of files only other

Return: If file only than list of all files otherwise files and list of directories

CHAPTER 3

Indices and tables

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