

# Python cryptographic checksums

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crypto

programming

python

Python provides a pretty handy module for performing MD5 sums of both text and data buffers. The following function provides an MD5 sum given a file name:

```
def get_hash(self, filename):
    """
    Generates an md5 sum of a file
    """
    f = file(filename, 'rb');
    m = md5.new();
    readBytes = 1024; # read 1024 bytes per time
    totalBytes = 0;
    while (readBytes):
        readString = f.read(readBytes);
        m.update(readString);
        readBytes = len(readString);
        totalBytes+=readBytes;
    f.close();
    return m.hexdigest();
```

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