

**NAME**

Digest::file - Calculate digests of files

**SYNOPSIS**

```
# Poor mans "md5sum" command
use Digest::file qw(digest_file_hex);
for (@ARGV) {
    print digest_file_hex($_, "MD5"), "  $_\n";
}
```

**DESCRIPTION**

This module provide 3 convenience functions to calculate the digest of files. The following functions are provided:

`digest_file( $file, $algorithm, [$arg,...] )`

This function will calculate and return the binary digest of the bytes of the given file. The function will croak if it fails to open or read the file.

The `$algorithm` is a string like "MD2", "MD5", "SHA-1", "SHA-512". Additional arguments are passed to the constructor for the implementation of the given algorithm.

`digest_file_hex( $file, $algorithm, [$arg,...] )`

Same as `digest_file()`, but return the digest in hex form.

`digest_file_base64( $file, $algorithm, [$arg,...] )`

Same as `digest_file()`, but return the digest as a base64 encoded string.

**SEE ALSO**

*Digest*