

# PERL CRYPT FUNCTION

[http://www.tutorialspoint.com/perl/perl\\_crypt.htm](http://www.tutorialspoint.com/perl/perl_crypt.htm)

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## Description

This function encrypts the string EXPR using the system crypt function. The value of SALT is used to select an encrypted version from one of a number of variations.

You cannot decrypt a string that has been encrypted in this way. It's normally used one way, first to encrypt a string, and then to encrypt a password to compare against the encrypted string. If you're using it in this form, then consider supplying the encrypted password as the SALT.

## Syntax

Following is the simple syntax for this function –

```
crypt EXPR, SALT
```

## Return Value

This function returns the encrypted string.

## Example

Following is the example code showing its basic usage, it makes sure that whoever runs this program knows their password –

```
#!/usr/bin/perl

$pwd = (getpwuid($<))[1];

system "stty -echo";
print "Password: ";
chomp($word = <STDIN>);
print "\n";
system "stty echo";

if (crypt($word, $pwd) ne $pwd) {
    die "Sorry wrong password\n";
} else {
    print "ok, correct password\n";
}
```

When above code is executed, it produces the following result –

```
Password:
```

```
Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```