



## ***Linux Ubuntu 22.4.5 Manual Pages on command 'Sort::Key::Register.3pm'***

***\$ man Sort::Key::Register.3pm***

Sort::Key::Register(3pm) User Contributed Perl Documentation Sort::Key::Register(3pm)

### NAME

Sort::Key::Register - tell Sort::Key how to sort new data types.

### SYNOPSIS

```
use Sort::Key::Register Person =>  
    sub { $_->surname, $_->name },  
    qw(string string);
```

```
use Sort::Key::Register 'Color::Component' => 'integer';
```

```
use Sort::Key::Register Color =>  
    sub { $_->R, $_->G, $_->B },  
    ('Color::Component') x 3;
```

### DESCRIPTION

Sort::Key::Register allows one to register new data types with Sort::Key so that they can be sorted as natively supported ones.

It works as a pragma module and doesn't export any function, all its functionality is provided via "use":

```
use Sort::Key::Register ...
```

To avoid collisions between modules registering types with the same name, you should qualify them with the package name.

```
use Sort::Key::Register 'MyPkg::foo' => sub { $_ }, '-int';
```

```
# or using __PACKAGE__:
```

```
use Sort::Key::Register __PACKAGE__, sub { $_ }, '-int';
```

## USAGE

```
use Sort::Key::Register $name => \&multikeygen, @keytypes;
```

registers type \$name.

&multikeygen is the multi-key extraction function for the type and @keytypes are the types of the extracted keys.

```
use Sort::Key::Register $name => $keytype;
```

this 'use' is useful for simple types that are sorted as another type already registered, maybe changing the direction of the sort (ascending or descending).

## SEE ALSO

Sort::Key, Sort::Key::Maker.

## AUTHOR

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version of Perl 5 you may have available.

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