NAME

Sort::Key::Types − handle Sort::Key data types

SYNOPSIS

```
use Sort::Key::Types qw(register_type);
register_type(Color => sub { $_->R, $_->G, $_->B }, qw(int, int, int));

# you better
# use Sort::Key::Register ...
```

DESCRIPTION

The Sort::Key family of modules can be extended to support new key types using this module (or the more friendly Sort::Key::Register).

FUNCTIONS

The following functions are provided:

Sort::Key::register_type($name, \&gensubkeys, @subkeystypes)

registers a new datatype named $name defining how to convert it to a multi-key.

&gensubkeys should convert the object of type $name passed on $_ to a list of values composing the multi-key.

@subkeystypes is the list of types for the generated multi-keys.

For instance:

```
Sort::Key::Types::register_type
            'Person',
            sub { $_->surname,
                  $_->name,
                  $_->middlename },
            qw(str str str);


Sort::Key::Types::register_type
            'Color',
            sub { $_->R, $_->G, $_->B },
            qw(int int int);
```

Once a datatype has been registered it can be used in the same way as types supported natively, even for defining new types, i.e.:

```
Sort::Key::Types::register_type
            'Family',
            sub { $_->father, $_->mother },
            qw(Person Person);
```

SEE ALSO

Sort::Key, Sort::Key::Merger, Sort::Key::Register.

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