

NAME

User::Identity::System – physical system of a person

INHERITANCE

```
User::Identity::System
  is a User::Identity::Item
```

SYNOPSIS

```
use User::Identity;
use User::Identity::System;
my $me    = User::Identity->new(...);
my $server = User::Identity::System->new(...);
$me->add(system => $server);

# Simpler

use User::Identity;
my $me    = User::Identity->new(...);
my $addr = $me->add(system => ...);
```

DESCRIPTION

The `User::Identity::System` object contains the description of the user's presence on a system. The systems are collected by an `User::Identity::Collection::Systems` object.

Nearly all methods can return undef.

Extends “DESCRIPTION” in `User::Identity::Item`.

METHODS

Extends “METHODS” in `User::Identity::Item`.

Constructors

Extends “Constructors” in `User::Identity::Item`.

`User::Identity::System->new([$name], %options)`

Create a new system. You can specify a name as first argument, or in the `OPTION` list. Without a specific name, the organization is used as name.

--Option	--Defined in	--Default
description	User::Identity::Item	undef
hostname		'localhost'
location		undef
name	User::Identity::Item	<required>
os		undef
parent	User::Identity::Item	undef
password		undef
username		undef

description => STRING

hostname => DOMAIN

The hostname of the described system. It is preferred to use full system names, not abbreviations. For instance, you can better use `www.tux.aq` than `www` to avoid confusion.

location => NICKNAME|OBJECT

The `NICKNAME` of a location which is defined for the same user. You can also specify a `User::Identity::Location` OBJECT.

name => STRING

os => STRING

The name of the operating system which is run on the server. It is advised to use the names as used by Perl's `$^O` variable. See the `perlvar` man-page for this variable, and `perlport` for the possible values.

parent => OBJECT

password => STRING

The password to be used to login. This password must be un-encoded: directly usable. Be warned that storing un-encoded passwords is a high security list.

username => STRING

The username to be used to login to this host.

Attributes

Extends “Attributes” in User::Identity::Item.

`$obj->description()`

Inherited, see “Attributes” in User::Identity::Item

`$obj->hostname()`

`$obj->location()`

Returns the object which describes to which location this system relates. The location may be used to find the name of the organization involved, or to create a signature. If no location is specified, undef is returned.

`$obj->name([$newname])`

Inherited, see “Attributes” in User::Identity::Item

`$obj->os()`

`$obj->password()`

`$obj->username()`

Collections

Extends “Collections” in User::Identity::Item.

`$obj->add($collection, $role)`

Inherited, see “Collections” in User::Identity::Item

`$obj->addCollection($object | <[$type], %options>)`

Inherited, see “Collections” in User::Identity::Item

`$obj->collection($name)`

Inherited, see “Collections” in User::Identity::Item

`$obj->parent([$parent])`

Inherited, see “Collections” in User::Identity::Item

`$obj->removeCollection($object|$name)`

Inherited, see “Collections” in User::Identity::Item

`$obj->type()`

`User::Identity::System->type()`

Inherited, see “Collections” in User::Identity::Item

`$obj->user()`

Inherited, see “Collections” in User::Identity::Item

Searching

Extends “Searching” in User::Identity::Item.

`$obj->find($collection, $role)`

Inherited, see “Searching” in User::Identity::Item

DIAGNOSTICS

Error: `$object` is not a collection.

The first argument is an object, but not of a class which extends User::Identity::Collection.

Error: Cannot load collection module for `$type` (`$class`).

Either the specified `$type` does not exist, or that module named `$class` returns compilation errors.

If the type as specified in the warning is not the name of a package, you specified a nickname which

was not defined. Maybe you forgot the 'require' the package which defines the nickname.

Error: Creation of a collection via `$class` failed.

The `$class` did compile, but it was not possible to create an object of that class using the options you specified.

Error: Don't know what type of collection you want to add.

If you add a collection, it must either be a collection object or a list of options which can be used to create a collection object. In the latter case, the type of collection must be specified.

Warning: No collection `$name`

The collection with `$name` does not exist and can not be created.

SEE ALSO

This module is part of User-Identity distribution version 1.01, built on February 11, 2022. Website: <http://perl.overmeer.net/CPAN/>

LICENSE

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