user (migration step)

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user

Creates, updates, ensures or deletes a user account with its groups, password and fields.

A step of a YAML migration with `type: user`. The class `expMigrationStepUser` (`kernel/classes/migration/steps/expmigrationstepuser.php`) is registered in `settings/migration.ini` `[StepSettings] StepTypeList[user]`.

Modes

`mode:` is one of `create`, `update`, `ensure`, `delete`; every step names one.

Keys

Key	Type	Modes	Default	What it is
`login`	`string`	create, ensure		the login of a new user; ensure finds the user by it
`user`	`identifier (user)`	update, delete		the user to update or delete: login, id or remote:<remote id>
`email`	`string`	create, update, ensure		the e-mail address of the account
`password`	`string`	create, update, ensure		the password, hashed as eZUser hashes it (ensure: only for a new user); use a placeholder, never the password in the file
`password_hash`	`string`	create, update, ensure		a password hash to store as it is (instead of password:)
`password_hash_type`	`string`	create, update, ensure		the type of password_hash: (md5_password, md5_user, md5_site, plaintext, password_hash ...)
`secrets`	`map`	create, update, ensure		login, email or password => the name of a secret (Setup > Secrets, or env:<variable>) the value is read from when the step runs, instead of login:, email: or password:
`enabled`	`bool`	create, update, ensure		whether the account can sign in (default for a new user: true)
`groups`	`list`	create, update, ensure		the nodes of the user groups the user is in (the first is its main location); update and ensure add the user to those it is not in

Key	Type	Modes	Default	What it is
`remove_groups`	`list`	update		the nodes of user groups the user leaves (not the main one)
`class`	`identifier` (class)	create, ensure	`"user"`	the class of a new user (default: user)
`remote_id`	`string`	create, ensure		the remote id of a new user's object
`language`	`string`	create, update, ensure		the language of fields: (default: the default language of content)
`fields`	`map`	create, update, ensure		attribute identifier => value (first_name, last_name ...); the account is set by login:, email: and password:
`missing`	`string`: `fail`, `skip`	update, delete	`"fail"`	what happens when the user is not there: fail (the default) or skip
`workflows`	`bool`	create, update, ensure	`false`	true: the workflows of the operation's triggers run, as in the administration (default: they do not)
`notify`	`bool`	create, update, ensure	`false`	true: the publish makes a notification event (default: published without notification)

Besides these, every step takes the keys of the engine: `type`, `mode`, `if`, `references`, `environments`, `engines` and `comment` (the file format). A key of type `identifier` names a node, an object or another part of the installation by id, remote id, path or name (identifiers).

Values for references

`references: { <name>: <value> }` keeps a value of the step's result as `${ref.<name>}` for the steps and migrations after it:

Value	What it is
`object_id`	the id of the user's object (the user id)
`node_id`	the id of its main node
`remote_id`	its remote id
`login`	the login
`email`	the e-mail address
`created`	true when the step created the user
`changed`	true when the step changed it (created, updated or deleted)

Undoing

Some steps of this type undo themselves when their migration is rolled back without `down:` (the class says which); a migration with any other step of it needs `down:` or a rollback to its caption.

Caches it touches (cleared after the run): `content`, `user_info_cache`.

Example

YAML

```yaml
- type: user
  mode: ensure
  login: editor
  email: editor@example.com
  password: "${ref.editor_password}"
  groups: [ "remote:news-editors" ]
  fields: { first_name: News, last_name: Editor }
  references: { editor: object_id }
```

Related

- All step types
- YAML migration steps

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