

RhodeCode CE/EE - Bug #4110

[ce, ee] repos can be named `_admin`, `_static`

20.07.2016 13:34 - Daniel D

Status:	In Progress	Start date:	20.07.2016
Priority:	Normal	Due date:	
Assignee:	Daniel D	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Sorting:		Affected Version:	
Commit Number:			
Description			
There is a bug where repo name can have the name <code>'_admin'</code> this is because <code>ADMIN_PREFIX</code> which is used for checking the repo name had a slash prefixed to it making the check not work.			
Must fix the bug and make this check more robust.			

History

#1 - 20.07.2016 18:19 - Daniel D

Further inspection shows that imported repos (eg. via `remap/rescan`) can also be named `'_admin'` - and those do not pass through form validation at all.

We must move validation to `RepoModel().create_repo()` - so that `api/web/remap_rescan` all use the same validation.

#2 - 20.07.2016 18:20 - Marcin Kuzminski [staff]

Good find, maybe it's good time to introduce a common validation schema via `COlander` that `API/Form/Create repo` would use ?

#3 - 20.07.2016 18:23 - Daniel D

That was my thought exactly - since we want to replace `formencode` anyway.

Things to note/check:

- make sure each case (`api/remap/web`) all handle the failing cases gracefully
- the form `i18n` works

#4 - 20.07.2016 18:38 - Daniel D

The other thing to think about is that the form validator uses a function `repo_name_slug(repo_name)` to get a sanitized repo name by removing certain bad characters such as punctuation however this cannot be used in `remap/rescan` because for example two repos: `myrepo` and `myrepo~` would conflict with each other during the scan, leading to unknown effects.

#5 - 20.07.2016 19:51 - Daniel D

Current list of prefixes of routes that should not be used by a repo name:

```
set(['_users', '_repos', '_admin', '_goto_data', '_user_groups', '_profiles'])
```

This list is based on the current pylons routes, and doesn't take into account extra routes from `pyramid/plugins`

It might be a good idea to move all routes to a common prefix eg.

```
/_rc/  
/_rc/users  
/_rc/admin  
etc..
```

That way we have a clear namespace instead of having to maintain a static list of allowed prefixes or dynamic routes created from (eg. plugins)

We should 301 `/_admin` to `/_rc/admin` to make sure old links work.