

Module: Activity Stream

Activity Stream is module for capturing the user interaction with the Nocout User Application.

The Activity Stream module captures the

1. Module user has interacted with
2. Values changed by the user in any module

The Activity stream needs to be configured in "settings.py" file carrying the settings for application in the folder nocout/settings.py

List of modules monitored are as follows:

- 'auth.user',
- 'auth.group',
- 'sites.site',
- 'comments.comment',
- 'user_profile.userprofile',
- 'user_group.usergroup',
- 'device.device',
- 'device_group.devicegroup',
- 'device.devicetypefields',
- 'device.devicetechnology',
- 'device.devicevendor',
- 'device.devicemodel',
- 'device.devicetype',
- 'site_instance.siteinstance',
- 'service.service',
- 'service.serviceparameters',
- 'command.command',
- 'organization.organization','inventory.inventory',
- 'inventory.antenna',
- 'inventory.basestation',
- 'inventory.sector',
- 'inventory.backhaul',
- 'inventory.customer',
- 'inventory.substation',
- 'inventory.circuit',
- 'machine.machine',
- 'service.servicedatasource',
- 'device.deviceport',
- 'device.devicefrequency',
- 'service.protocol',
- 'inventory.iconsettings',
- 'inventory.livepollingsettings',
- 'inventory.thresholdconfiguration',
- 'inventory.thematicsettings'

Activity Stream Settings

```
ACTSTREAM_SETTINGS = {
    'MODELS': ('auth.user', 'auth.group', 'sites.site', 'comments.comment','user_profile.userprofile', 'user_group.usergroup',
        'device.device', 'device_group.devicegroup', 'device.devicetypefields','device.devicetechnology',
        'device.devicevendor', 'device.devicemodel', 'device.devicetype','site_instance.siteinstance','service.service',
        'service.serviceparameters','command.command','organization.organization','inventory.inventory',
        'inventory.antenna', 'inventory.basestation', 'inventory.sector', 'inventory.backhaul', 'inventory.customer',
        'inventory.substation', 'inventory.circuit', 'machine.machine', 'service.servicedatasource', 'device.deviceport',
        'device.devicefrequency', 'service.protocol', 'inventory.iconsettings', 'inventory.livepollingsettings',
        'inventory.thresholdconfiguration', 'inventory.thematicsettings'),
```

```
'MANAGER': 'actstream.managers.ActionManager',
'FETCH_RELATIONS': True,
'USE_PREFETCH': True,
'USE_JSONFIELD': True,
'GFK_FETCH_DEPTH': 1,

}
```

Module Files

```
.
├── README.md
├── __init__.py
├── actions.py
├── admin.py
├── docs
│   ├── ActivityStream.html
│   └── ActivityStream.pdf
├── models.py
├── templates
│   └── activity_stream
│       ├── actions_logs.html
│       └── hello.html
├── urls.py
└── views.py
```

1. README.md : Module's README file for details
2. **init.py** : Python's modules init file
3. admin.py : Django Framework's Admin module registration file
4. docs : Documentation folder for the module
5. models.py : Django Framework's database interface
6. templates : HTML files for rendering a View for the module
7. actions.py : defined pre-actions for capturing user's activity
8. urls.py : Module's url routing file
9. views.py : Modules controller file