Shanoir NG

Access and rights management

Table of contents

1 Introduction 1

2 Roles 1

3 User management 1

4 Rights management 2

5 Access management 2

6 ROLE\_ADMIN 2

# Introduction

This document defines the overall behaviour of Shanoir, concerning access and rights management. This includes which user roles exist, which role can see which content and do what in Shanoir.

# Roles

4 roles exist:

* ROLE\_ADMIN: system administrators
* ROLE\_EXPERT
* ROLE\_USER
* ROLE\_GUEST?

# User management

Users are managed in two systems: 1) keycloak: contains that user exists and holds his password and role information. 2) user management microservice: contains roles (for mapping), user\_account\_request\_infos and users data, see below listing. The mapping is done on using the username.

* id
* account\_request\_demand
* account\_request\_info\_id
* can\_access\_to\_dicom\_association
* creation\_date
* email
* expiration\_date
* extension\_date
* extension\_motivation
* extension\_request\_demand
* first\_name
* first\_expiration\_notification\_sent
* second\_expiration\_notification\_sent
* last\_name
* **username**
* **role\_id**

# Rights management

Today the following rights exist for a user in relation with each study: REF\_STUDY\_USER\_TYPE

* IS\_RESPONSIBLE\_FOR\_THE\_RESEARCH\_STUDY
* CAN\_SEE\_DOWNLOAD\_IMPORT\_DATASETS\_AND\_MODIFY\_THE\_STUDY\_PARAMETERS
* CAN\_SEE\_DOWNLOAD\_AND\_IMPORT\_DATASETS
* CANNOT\_SEE\_OR\_DOWNLOAD\_DATASETS
* CAN\_SEE\_AND\_DOWNLOAD\_DATASETS

# Access management

1. The "admin" user will have to be deleted. In Shanoir-NG we will implement a 100% tracing of user actions as this can become highly important for CNIL and other responsibilities. Therefore we need to be able to identify the human person behind each action done in Shanoir. Users (== 1 physical person) with "admin" role (ROLE\_ADMIN) will replace the "admin" user. This enables us to know precisely who did what in the system, that we can do audit tracing later.
2. Today each user (physical person) can only have ONE role.

# ROLE\_ADMIN

* Administrators, users with the ROLE\_ADMIN, can access to all contents in Shanoir
* They see all studies in Shanoir, to have an overview of the system