

Current ILL Access Right Rules

GROUP	Class	C	R	U	D	Constraint
	Investigation	N	Y	N	N	<-> Investigator [facilityUser.facilityUserId = :user]
	Dataset	N	Y	N	N	<-> Investigation <-> Investigator [facilityUser.facilityUserId = :user]
	Datafile	N	Y	N	N	<-> Dataset <-> Investigation <-> Investigator [facilityUser.facilityUserId = :user]
	Sample	N	Y	N	N	<-> Investigation <-> Investigator [facilityUser.facilityUserId = :user]
	Investigation	N	Y	N	N	[releaseDate < CURRENT_DATE]
ill_satff	Dataset	N	Y	Y	N	
ill_staff	Datafile	N	Y	Y	N	
ill_staff	Investigation	N	Y	Y	N	
importer	Investigator	Y	Y	Y	Y	
importer	Instrument	Y	Y	Y	Y	
importer	FacilityUser	Y	Y	Y	Y	
importer	FacilityInstrumentScientist					Y Y Y Y
importer	DatasetParameter					Y Y Y Y
importer	Dataset	Y	Y	Y	Y	
importer	Datafile	Y	Y	Y	Y	
importer	FacilityCycle	Y	Y	Y	Y	
importer	Investigation	Y	Y	Y	Y	
importer	SampleParameter					Y Y Y Y
importer	DatafileParameter					Y Y Y Y
importer	Parameter	Y	Y	Y	Y	
importer	Sample	Y	Y	Y	Y	

Importer: CRUD on everything

Ill_staff: RU on Investigation, Dataset, Datafile,(Sample)

Anybody: R on Investigations older than the embargo period.

Anybody: R on Investigations, Dataset, Datafile, Sample where he is Investigator

- Remarks and questions

- ?General question? Am I (Holger) using the rules correctly? Do other facilities have similar rules. I'm thinking on possible future ICAT clients connected to more than one facility.
- Remark: getMyInvestigations: returns all Investigations where the connected user has Read access. I (Holger) would have expected that the result is additionally filtered on the *isInvestigator* condition or some ownership aspect.
- ?Question? At ILL there is a requirement to allow Read access to investigations before the end of the embargo period. But with restricted visibility of investigation attributes (primarily only title, team, date visible).
?Is it possible to implement that requirement on rule level for example:

Investigation.title N Y N N

?Are there other facilities having the same/similar requirements?

?Does TopCat provide a solution for this?

- ?Remark/Question?:When calling

iPort.get(sessionID, "Investigation INCLUDE Dataset,Datafile,Investigator,Sample", inv.getId())
with only R right on Investigation level Investigators, Datasets and Samples are loaded. What I didn't expect?
!Datafiles are not loaded.!

!Trying to call 'get' on one of the dataset throws Privilege_Exception!

?Is there something wrong with my rules OR code?

- ?Question on TopCat?
According to the data policy ILL may have the requirements to allow for example (some) experimental team members to modify the embargo period for an investigation, add delete team members, give access to non team members,...
?Does/Will TopCat provide such functionalities?
?Are there other solutions around TopCat?

Some code:

Given i and investigation of Type Investigation.

=====

```
try {
    i = (Investigation)IC_AppControler.ICAT_CONN.icatPort.get(IC_AppControler.ICAT_CONN.icatSessionID, "Investigation INCLUDE
        Dataset,Datafile,Investigator,Sample", investigation.getId());
} catch (Exception e) {
    e.printStackTrace();
}
```

=====

```
List<Investigation> is = icatPort.getMyInvestigations(IC_AppControler.ICAT_CONN.icatSessionID) ;
```

=====

Given: int idx

```
    Investigation myInv // coming from getMyInvestigations()
    Dataset target = myInv.getDatasetCollection().get(idx) ;
try {
    ds = (Dataset) icatPort.get(IC_AppControler.ICAT_CONN.icatSessionID, "Dataset INCLUDE Datafile", target.getId());
} catch (Exception e) {
    e.printStackTrace();
    ds = target ;
}
```