

[DocV1.organization](#)

Organization service

To adapt the portal to any needs, the integrator needs to write a custom implementation of that service that would for example access an LDAP server.

- The eXo platform security is a low level one :
- - o Low level J2EE security roles : also used by the portlet API (like in the servlet API). Use to manage cross-cutting roles that have no meaning with business organization (like platform admin...)
 - o Higher level roles that we call memberships and that are tied to the Organizational model of the company.
- The model

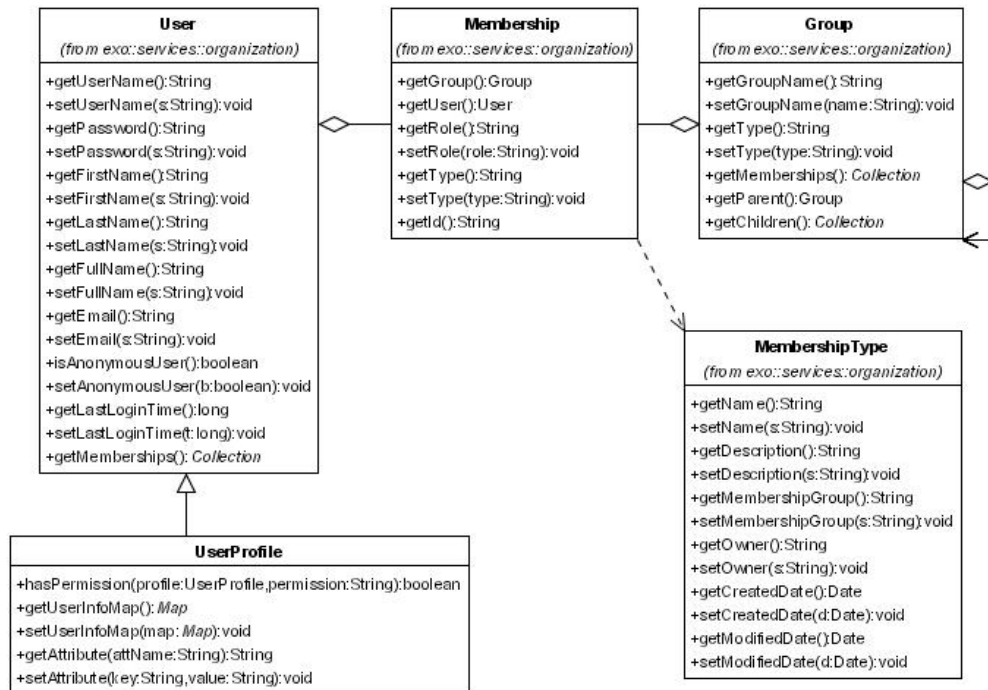
The Organization Service is a very important one. The entire platform is built on it to manage Users, Groups and Memberships of Users in Groups.

The model is quite simple :

- A group can have several children groups. It makes a tree of groups to modelize companies structures.
- A User is linked to a Group through a Membership

Here is the class diagram :

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- The service

The Organization Service is used to manipulate the previously defined model. You can add/delete/modify but also query User, Group and Membership.

When an object is modified then events are sent to listeners that were registered. This maybe usefull for example to propagate the Hibernate session to other services or objects when you want an operation to be atomic.

Therefore, when you write a custom implementation of the service, do not forget to manage listeners and send them the correct information!

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