



# A comparison of European user roles in LRI

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## Authentication ≠ Authorization

### Authentication

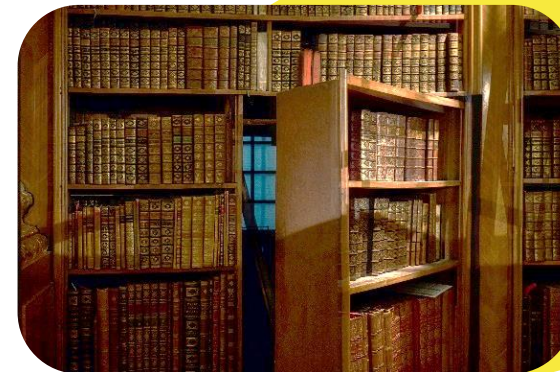
- Who am I?
- What is my name / ID?



e I D A S

### Authorization



- What am I allowed to do/to access?
- Usually: which professional role is assigned to me (e.g. judge, notary)?



## Authorization: Why do we need user roles in LRI?

- Access rights to **land register data** are restricted
  - e.g. access to deeds and other documents only for authorized users
- **Search functionalities** for land register data are restricted
  - e.g. name searches only for authorized users
- Access rights are usually granted to user roles – not single users
  - ⇒ Authorization is usually done by assigning **user roles**
  - ⇒ LRI users with additional authorization will be **main customers** of LRI

## Current User Roles in LRI 2 Countries

AT 	EE 	LV 	HU 	ES 	PT 
ANONYMOUS PRIVATE Private Person Private Company LEGAL_PROFESSIONAL Notaries Lawyers PUBLIC_OFFICIAL Courts Finance Office Cadastre Office Regional Authority Police	ANONYMOUS PRIVATE Private Person Private Company LEGAL_PROFESSIONAL Notaries Bailiffs Lawyers PUBLIC_OFFICIAL Courts Police and Border Guard Tax and Customs Procecutor Internal security Other Governmental Finance Office Cadastre Office	ANONYMOUS PRIVATE Private Person Private Company LEGAL_PROFESSIONAL Notaries Lawyers PUBLIC_OFFICIAL Courts Finance Office Municipal authorities Police Sworn bailiff Insolvency practioner	ANONYMOUS PRIVATE Private Person Private Company Representative Private Company Administrator LEGAL_PROFESSIONAL Lawyers Legal Advisors SURVEYOR Surveyor Forensic Expert (topographic surveying, cartography) IRM Surveyor PUBLIC_OFFICIAL Courts Police Authorities Public Prosecutions Bailiff Mayor/Notary Local Tax Authorities Public Notaries	PRIVATE Occasional Users Registered users PUBLIC_OFFICIAL Courts Tax Agencies General Treasury of Social Security Local Entities Police Notaries	ANONYMOUS PRIVATE Private Person Private Company Private Representative LEGAL_PROFESSIONAL Notaries Solicitors Lawyers Trustees Asset Attachment PUBLIC_OFFICIAL Police Finance Office Social Security Office Land Register Office Courts Prosecutor Bailiffs Intelligence Agencies

## Current Access Rights in LRI 2 Countries

<b>Data</b>	Land register extract	Generally available
	Deeds and other documents	Restricted
<b>Search</b>	By propertyID / address	Generally available
	By name for own properties	Restricted
	By name for all properties	Restricted

## Conclusions

### Roles

Diverse landscape of user roles

Different assignment of professions

Reduced use of user roles

### Access rights

Different assignment of access rights

Access objects (data, functionality)  
do not differ much

Proof of legitimate interest

## Which user roles do we propose?

- (ANONYMOUS) – no authentication and user role data (= authorization data)
- (PRIVATE) – only authentication data, no user role data (= authorization data)
- **LEGAL\_PROFESSIONAL** (e.g. lawyers, bailiff)
- **PUBLIC\_NOTARY**
- **PUBLIC\_OFFICIAL** (e.g. tax office, bailiff, social security office, police)
- **JUDICIARY** (e.g. court, prosecutor, police)
- Other roles in discussion: OWNER, COMPANY\_REPRESENTATIVE

Each national role needs to be subsumed under one of these LRI 2 roles. The requested Land Register can assign user rights only on the level of the LRI 2 roles.

## Open Issue #1: harmonization of LRI user roles

- Different access rights throughout Europe will become evident with increasing numbers of cross-border searches
- Long-term perspective: harmonization is inevitable
- Until then: **Principle that requested land register assigns access rights**
  - Based on transmitted user role
  - e.g. Austrian lawyer (LEGAL\_PROFESSIONAL) will have different access rights in European Land Registers



## Open Issue #2: mutual equal treatment of users

- Unequal access rights for one user role throughout Europe
- Land Registers might start to treat foreign user with same (and therefore probably less) access rights as national users are treated in another country.
  - Example with MS A and MS B
- Proposal to add national access rights of originating country to the authorization data



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