

Agenda of universal requests

[universal](#), [request](#)

What is a universal request?

The universal request agenda allows you to create a request for any (supported) object in the IdM. A advantage versus the previous agendas for dealing with requests is versatility when there is no need to create a separate agenda for each additional approved object (such as the agenda for automatic roles requests and the agenda of requests for change a permissions).

[requests.webm](#)

How it works?


If the approval mode is enabled, it is not possible to edit the object on a standard URL. This means that even if the user has the right to edit, the object will be **read-only** (details will be read only, edit buttons will not be available, bulk operations will not be available). **An object can only be edited after you have moved to a specific request URL.**




One of the main objectives of universal applications was to achieve the reuse of the UI components. This means that if a user creates a request (which goes to a completely different URL), he should not visually see "no" change. He should feel that by simply creating a request, the form just switched to editing mode.

Example of a URL role and the same role edit role within the request:

* **/role/{role ID}/detail** * **/requests/{request ID}/role/{role ID}/detail**

 **BusinessTwo** Role details

Role changes are subject to approval.
 If do you want to make a changes, then create the request first.



- Basic information
- More information
- Business role
- Role authorizers
- Role catalogue
- Permissions
- Automatic roles
- Users with role
- Systems
- Accounts

Roles
 Requests 2

Basic information

Code

BusinessTwo *

Name

BusinessTwo *

Priority level

None (0) ▾

Priority

0 *

☐ Role removal approval

☐ Can be requested

Description

☐ Inactive

Back

Creation of the request's items

If we already have a request, we can start making individual **changes**. As described above, individual **REST** request calls are "redirected" to the REST request interface of that object type. Each partial change (called REST interface) creates a request item (**IdmRequestItem**). This item includes, in particular, ownership of the owner, that is, the link to the object being edited.


Additionally, the request entry contains a **complete object** in the form of how to get from the interface. This object is used to apply changes when applying for approval. The object is saved in **JSON** format. This format has been chosen with respect to backward compatibility. There is a lower probability of any problems with a change in the structure of the target object. **JSON** format allows us to perform additional transformations (to ensure compatibility) against binary serialization of the whole object.



The **REST** interface is represented by the controller, for example, the role is the **standard** controller **IdmRoleController** and the **request** controller is **IdmRequestRoleController**.

You are on the request preview
Any changes you make will only be written to this request.




[Show changes](#) [Go to the request detail](#)

 **BusinessTwo** Role details

- Basic information
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- Permissions**
- Automatic roles

Permissions

[+ Add](#) [Refresh](#)

| <input type="checkbox"/> | Entity type | Permissions | Evaluator type | Configuration | Description | Inactive |
|--------------------------|---|----------------------|-------------------------|---------------|-------------|-------------------------------------|
| <input type="checkbox"/> |  Accounts for contractual relationships (AccContractAccount) | Create | BasePermissionEvaluator | | | <input type="checkbox"/> |
| <input type="checkbox"/> |  Accounts for time slices of contractual relationships (AccContractSliceAccount) | Create Read | BasePermissionEvaluator | | | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> |  Accounts in systems (AccAccount) | Administration (all) | BasePermissionEvaluator | | | <input type="checkbox"/> |

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How to enable the requesting for specific object?



Requesting mode is controlled for all requestable objects by **IdmRoleDto** (for now)!

Requesting mode can be enabled for every supported object by property in the application configuration:

```
idm.pub.core.request.<requestable object>.enabled=true
```

, where **<requestable object>** is the name of requestable object (DTO).



For example **approving for role** (IdmRoleDto) can be enable by this property:

```
idm.pub.core.request.idm-role.enabled=true
```

Read more

Admin guide

- [Agenda of universal requests](#)
- [Requests and approval process](#)

- [Requests without approval](#)

Devel guide

- [Agenda of universal requests](#)

Limitations



Enabling of the request mode is controlled only by **IdmRole** now.



Changes in the request preview are highlighted only in tables. Types of changes are not shown in the object **details** or on **EAVs**!

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