

BESKEDTYPE ORG_ORGENHED_1.0



FKI – Fælleskommunal Infrastruktur
Latest update: 2023.11.31

Change log

Message type version	Date	Comments
1.0	2023-11-31	Initial version

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1. NOTES FOR THE READER

An integration is composed of one or more services. The documentation of an integration consists of an integration description and several service descriptions, message descriptions etc.

The purpose of this document is to describe the data format and content of the message type ORG_OrgEnhed - and is targeted developers writing software consuming this message type.

The documentation of how to consume a message from "Fælleskommunal Beskedfordeler" is available in Danish here: [\[ModtagBesked\]](#)

An additional prerequisite for this document is "Fælleskommunalt Organisationssystem - Servicebeskrivelse" which is available in the documentation package for the Organisation integration (SF1500), available for download here: [\[Organisation\]](#)

Known limitations.

- Events are triggered at the time of registration. The consequence of this is, that a "planned" event is triggered if the change has validity at a late data. No additional event is triggered when the change gets validity in the future.
- Events for updates to related IT-systems, related "Udbetalende enheder", or related Henvendelsessteder are not supported.
- The operations "Slet" and "Passiver" will not trigger events.

English and Danish terms

The table below contains some translations to Danish, where it has been deemed necessary.

English	Danish
User facing key	Brugervendt nøgle
Validity	Virkning
Data restriction	Dataafgrænsning

2. MESSAGE ENVELOPE

The message type is named as described in the table below.

Message type (UUID) <i>Beskedtype</i>	Name	Version
1996db0e-0a7c-425f-b2c2-03466a536c4d	ORG_OrgEnhed	1.0

The message type can transport different event types. The UUIDs of the event types are maintained in "Fælleskommunalt Klassifikationssystem", Handling -> Objekthandling-> Organisationsenhed.

The event types are described together with the UUID in the table below:

Event <i>Hændelse/Objekthandling</i>	Description
OrgEnhedOprettet (Organization unit created) 64dc5222-f13f-4b87-a080-d4a0878abfa5	The event is sent when an organization unit object is registered with an active state and has validity at the time of registration.
OrgEnhedPlanlagtOprettet (Organization unit planned to be created) 578a84b3-42ad-4238-ae41-48f476bc48b2	Like OrgEnhedOprettet, but with validity in the future.
OrgEnhedÆndret (Organization unit changed) fa833512-46a9-4830-acac-bf362f1144ba	The event is sent when: <ul style="list-style-type: none"> • Name or User facing key of an organization unit is updated with validity at the time of registration. • The organization unit's hierarchical location changes with validity at the time of registration. • There is an update to related addresses (added, removed, changed) with validity at the time of registration. • The type related to the unit is updated with effect at the time of registration. • The tasks related to the organization unit is updated with validity at the time of registration. • If the object's life cycle is updated from passiveret to importeret.

<p>OrgEnhedPlanlagtÆndret</p> <p>(Organization unit planned to be changed)</p> <p>a826e32f-e784-40a5-9ce1-f88517b6e190</p>	<p>Like OrgEnhedÆndret, but with validity in the future.</p>
<p>OrgEnhedNedlagt</p> <p>(Organization unit deactivated)</p> <p>0a874019-5914-4c02-af53-edc0f9726f74</p>	<p>The event is sent when an organization unit is updated to have an inactive state with validity at the time of the registration.</p>
<p>OrgEnhedPlanlagtNedlagt</p> <p>(Organization unit planned to be deactivated)</p> <p>f4a150a4-35e7-43f2-9e27-699863c83863</p>	<p>Like OrgEnhedNedlagt but with validity in the future.</p>
<p>BrugerTilknyttetOrgEnhed</p> <p>(User related to organization unit)</p> <p>9c339761-54f6-4aed-a79a-bf12f30c2cfc</p>	<p>The event is sent when user object is related to an organization unit under the conditions listed below is registered:</p> <ul style="list-style-type: none"> • The organization unit, user object and organization function are all active with validity at the time of the change. • The related function type (Enhedsrolle, Ansæt I, Lederrolle) is valid. • The relations between User and Organization unit via organization function have validity.
<p>BrugerPlanlagtTilknyttetOrgEnhed</p> <p>(User planned to be related to organization unit)</p> <p>98fe9e48-506c-43ed-a2c7-71196ed385a5</p>	<p>The same as BrugerTilknyttetOrgEnhed, but where the change will have validity in the future.</p>
<p>BrugerFjernetFraOrgEnhed</p> <p>(User removed from an organization unit)</p> <p>5a3c1aa6-0b50-4bec-a30c-6116dd7776ad</p>	<p>The event is triggered at registration time when the user is no longer related to an organization unit.</p> <p>Eg. when the update causes or more of the conditions below to be true:</p>

	<ul style="list-style-type: none"> the status of the related organization unit, organization function, or user is updated to inactive with validity at the time of registration. One or more relations between User and Organization unit via organization function no longer has validity. The related function type (Enhedsrolle, Ansæt I, Lederrolle) is invalid.
BrugerPlanlagtFjernetFraOrgEnhed (User planned to be removed from an organization unit) eb7c2e69-6a7c-40bc-a143-59a6bb95d7c6	The same as above, but with validity in the future

An XML Schema Definition (Beskedkuvert.xsd) for the message envelope is available as part of the documentation package for SF1461 (available here: [\[ModtagBesked\]](#))

Below, it is illustrated how the sending system populates the fields using OrgEnhedÆndret as an example:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns2:Haendelsesbesked xmlns="urn:oio:sagdok:3.0.0"
  xmlns:ns2="urn:oio:besked:kuvert:1.0"
  xmlns:ns3="http://www.w3.org/2000/09/xmldsig#">
  <ns2:BeskedId>
    <UUIDIdentifikator>1f4c0274-e536-457c-8b3c-0ab267375492</UUIDIdentifikator>
  </ns2:BeskedId>
  <ns2:BeskedVersion>1.0</ns2:BeskedVersion>
  <ns2:Beskedkuvert>
    <ns2:Filtreringsdata>
      <!-- UUID of the message type: ORG_Orgenhed -->
      <ns2:Beskedtype>
        <UUIDIdentifikator>1996db0e-0a7c-425f-b2c2-03466a536c4d</UUIDIdentifikator>
      </ns2:Beskedtype>
      <ns2:BeskedAnsvarligAktoer>
        <!-- UUID of Fælleskommunalt Organisationssystem as defined in Fælleskommunalt
        Administrationsmodul -->
        <UUIDIdentifikator>795ac65f-b480-4a01-98af-441980b192c3</UUIDIdentifikator>
      </ns2:BeskedAnsvarligAktoer>
      <!-- CVR, owner of the modified organisation unit. -->
      <ns2:TilladtModtager>
        <URNIdentifikator>urn:oio:cvr-nr:99999999</URNIdentifikator>
      </ns2:TilladtModtager>
      <ns2:ObjektRegistrering>
        <!-- Id from the registration in Organisation -->
        <ns2:ObjektRegistreringId>
          <URNIdentifikator>urn:oio:objektregistreringid:3077781</URNIdentifikator>
        </ns2:ObjektRegistreringId>
        <ns2:RegistreringsAktoer>
          <UUIDIdentifikator></UUIDIdentifikator>
        </ns2:RegistreringsAktoer>
      </ns2:ObjektRegistrering>
    </ns2:Filtreringsdata>
  </ns2:Beskedkuvert>
</ns2:Haendelsesbesked>
```

```

<!-- timestamp of registration -->
<ns2:Registreringstidspunkt>
  <TidsstempelDatoTid>2023-06-15T16:27:25.000+02:00</TidsstempelDatoTid>
</ns2:Registreringstidspunkt>
<!-- CVR number of the authority-->
<ns2:ObjektAnsvarligMyndighed>
  <URNIdentifikator>urn:oio:cvr-nr:99999999</URNIdentifikator>
</ns2:ObjektAnsvarligMyndighed>
<!-- UUID of the object the change concerns -->
<ns2:ObjektId>
  <UUIDIdentifikator>da483243-b7b4-45cc-b402-d5eb501b3a11</UUIDIdentifikator>
</ns2:ObjektId>
<!-- The object type from FK-Klassifikation, eg. organization unit -->
<ns2:ObjektType>
  <UUIDIdentifikator>c4cc1906-a30f-41e2-b3c2-61ccabbd83b7</UUIDIdentifikator>
</ns2:ObjektType>
<!-- As Listed in Event table eg. UUID of OrgEnhedÆndret
<ns2:ObjektHandling>
  <UUIDIdentifikator>fa833512-46a9-4830-acac-bf362f1144ba</UUIDIdentifikator>
</ns2:ObjektHandling>
</ns2:ObjektRegistrering>
</ns2:Filtreringsdata>
<ns2:Leveranceinformation>

<!-- Section skipped -->

</ns2:Leveranceinformation>
</ns2:Beskedkuvert>
<ns2:Beskeddata>
  <Base64>PFBheWxvYWQ+PFRyYW5zcG9ydD5SRVNUX0dRTDwvVHJhbnNwb3J0PjxPcGVyYXRpb24+cmV0PC9PcGVyYXRpb24
+PFRyYW5zYWwN0aW9uSUQ+NTA0OTM3YjgtZGY1Ny00NzdhLWFMNzYtNzBjMDA0ZTMwNWJjPC9UcmFuc2FjdGlvbkLEPjxCcnVnZXI+dX
JuOkLKVdwwQnJ1Z2VyPjwvUGF5bG9hZD4=</Base64>
</ns2:Beskeddata>
</ns2:Haendelsesbesked>

```

The events describing the Users relationship with the organization units, will have an additional RelateretObjekt section in the xml, identifying the related objects.

The additional section will be present for these event types:

- BrugerTilknyttetOrgEnhed.
- BrugerPlanlagtTilknyttetOrgEnhed,
- BrugerFjernetFraOrgEnhed,
- BrugerPlanlagtFjernetFraOrgEnhed

The object type UUIDs are maintained in “Fælleskommunalt Klassifikationssystem”, Objekt -> Objekttype.

This is illustrated with a BrugerTilknyttetOrgEnhed event below:

```

...
<ns2:RelateretObjekt>
  <ns2:ObjektId>
    <!-- Bruger object UUID -->
    <UUIDIdentifikator>ccae17f8-9fa6-42d9-889e-1fa4b90efec4</UUIDIdentifikator>
  </ns2:ObjektId>
  <ns2:ObjektType>
    <!-- Bruger object type UUID from Klassifikation -->

```


...

3. MESSAGE PAYLOAD

To allow tracking the path that caused triggering the event, additional information will be included in the payload.

1. Transport – type of service used to make a change to an object,
2. Operation – name of the operation used to make a change to an object,
3. Transaction ID
4. User – CVR of a user that made the change

Example of message payload:

```
<Base64>PFBheWxvYWQ+PFRyYW5zG9ydD5SRVNUX0dRTDwvVHJhbnNwb3J0PjxPcGVyYXRpb24+b3ByZXQ8L09wZXJhdGlvbj48VHJhbnNhY3Rpb25JRd43YzY4N2U3Yi0yM2U5LTQ0TU0tOdK3MS1hMTMzNDc0NmU5Nzg8L1RyYW5zYWN0aW9uSUQ+PEJydWdlcjcj51cm46RFJVPC9CcnVnZXI+PC9QYX1sb2FkPg==</Base64>
```

Example of the decoded payload

```
<Payload><Transport>REST_GQL</Transport><Operation>opret</Operation><TransactionID>652d0508-3e97-4ed1-8970-369286a6906b</TransactionID><Bruger>99999999</Bruger></Payload>
```

4. DATA RESTRICTIONS ON SERVICE AGREEMENT

Below it is shown how to set up service agreements in “Administrationsmodulet” to be able to receive messages as defined above.

Service agreement for “BeskedModtag” (“Beskedfordeler”)

Rolle: Modtag

Dataafgræsninger:

- Afsendende myndighed: *”CVR of the authority”*
- Beskedtype: 1996db0e-0a7c-425f-b2c2-03466a536c4d
- Foelsomhed: *1d81c472-0808-44cc-963d-f5ef0170ae1d*
- Kommunalt forvaltningsomraade: *

Example:

The screenshot shows the 'Fælleskommunalt Administrationsmodul' interface. On the left is a navigation menu with options like 'Opgaveoversigt', 'Organisationer', 'It-systemer', 'Serviceaftaler' (highlighted), 'Føderationsaftaler', 'Jobfunktionsroller', 'Rapporter', 'Brugerprofiler', 'Konfigurationer', 'Postopsætning', and 'Integrations Administration'. The main content area is divided into two sections. The top section, labeled 'Datamodtager:', contains information for 'Korsbæk Kommune', including a comment 'Godkendt til test', a link 'Vis vilkår og betingelser ved godkendelse', and a 'Godkendt:' field. The bottom section, labeled 'Services:', shows details for the 'BeskedModtag' service, including its type 'Fælleskommunal Service', provider 'Fælleskommunal Beskedfordeler', and role 'Modtag'. Under 'Dataafgrænsning:', it lists the same four criteria as in the text above: 'Afsendende myndighed: 111111111', 'Beskedtype: 1996db0e-0a7c-425f-b2c2-03466a536c4d', 'Foelsomhed: 1d81c472-0808-44cc-963d-f5ef0170ae1d', and 'Kommunalt forvaltningsomraade: *'. A 'Yderligere information:' section with an information icon is also present.

5. SUBSCRIPTION EXPRESSION

As part of the configuration of “Beskedfordeler” a subscription must be created. As an example, it might be relevant to subscribe to ORG_OrgEnhed message type on the two event types OrgEnhedÆndret and OrgEnhedPlanlagtÆndret.

The message type and version can be selected when configuring the subscription - together with an expression as demonstrated below:

```
get(Beskedkuvert.Filtreringsdata.ObjektRegistrering, 0).ObjektHandling.UUIDIdentifikator in ('fa833512-46a9-4830-acac-bf362f1144ba', 'a826e32f-e784-40a5-9ce1-f88517b6e190')
```

Please refer to the documentation in [\[Beskedfordeler\]](#).

6. REFERENCES (IN DANISH)

Ref	Titel	Kommentarer
[Beskedfordeler]	Bliv klar til at kode	Digitaliseringskataloget https://digitaliseringskataloget.dk/bliv-klar-til-kode-beskedfordeler
[ModtagBesked]	Service i Fælleskommunal beskedfordeler	For at modtage en besked, skal man benytte de services, der indgår i SF1461 Modtag beskeder via Beskedfordeler til at modtage beskeder med beskedtypen ORG_BRUGER_1.0
[Organisation]	Integrationsside for Fælleskommunalt Organisationssystem	SF1500 Organisation . Indeholder beskrivelse af integrationen, dokumentationspakke med Servicebeskrivelse og anden teknisk dokumentation.