

BESKEDTYPE ORG_BRUGER_1.0



FKI – Fælleskommunal Infrastruktur
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Change log

Message type version	Date	Comments
1.0	2023-12-06	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_Bruker - 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.
- 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
94ef3c82-10e9-4d12-a9d9-7a7242d5ba83	ORG_Bruger	1.0

The message type can transport different event types. The UUIDs of the events are maintained in “Fælleskommunalt Klassifikationssystem”, Handling -> Objekthandling-> Brugere.

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

Event Hændelse/Objekthandling	Beskrivelse
BrugerOprettet (User created) 6ce72dab-1e09-425e-8503-5d6522f72fdf	The event is sent when a “brugere” object is registered with active state and it has validity at the time of registration.
BrugerPlanlagtOprettet (User planned to be created) 55762e8c-9b5b-43e7-8895-fac4ef15bdb4	Like BrugereOprettet, but with validity in the future
BrugerÆndret (User changed) 862f6d4e-f70a-4e27-9383-24bb32919cf0	The event is sent when: <ul style="list-style-type: none"> • The username or user facing key is changed with validity at the time of registration. • When the name or CPR number is changed on the person object with validity at the time of registration. • If a related address is added, removed, or changed with validity at the time of registration. • If the object’s life cycle is updated from “passiveret” to “importeret”.
BrugerPlanlagtÆndret (User planned to be changed) 7460b5a7-4b8d-4568-aad0-0325c76b29e9	Like “BrugerÆndret” but with validity in the future
BrugerNedlagt (User deactivated)	The event is sent when a User object is updated to have an inactive state with validity at the time of the registration

9edb0c34-36e2-4d87-aba8-3ca7ade718ee	
BrugerPlanlagtNedlagt (User planned to be deactivated) b91ebc7e-7540-44a0-a360-ea58a3adc0e2	Like “BrugerNedlagt”, but with validity in the future.
BrugerTilknyttetOrgEnhed (User related to organization unit) 03eb7cb8-cd95-4ef2-ac72-f7a46e645c96	<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.
BrugerPlanlagtTilknyttetOrgEnhed (User planned to be related to organization unit) 03eb7cb8-cd95-4ef2-ac72-f7a46e645c96	The same as BrugerTilknyttetOrgEnhed, but where the change will have validity in the future.
BrugerFjernetFraOrgEnhed (User removed from an organization unit) 588a59a3-6ee4-4b6f-b423-5b082f5d290e	<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)	The same as above, but with validity in the future

e1b1f54b-8fed-473c-9ac7-6f59cff83859

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 BrugerOprettet 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>1c1b1647-0336-4987-bbcb-1893361add6c</UUIDIdentifikator>
  </ns2:BeskedId>
  <ns2:BeskedVersion>1.0</ns2:BeskedVersion>
  <ns2:Beskedkuvert>
    <ns2:Filtreringsdata>
      <ns2:Beskedtype>
        <!-- UUID of the message type ORG_Bruger -->
        <UUIDIdentifikator>94ef3c82-10e9-4d12-a9d9-7a7242d5ba83</UUIDIdentifikator>
      </ns2:Beskedtype>
      <ns2:BeskedAnsvarligAktoer>
        <!-- UUID of Fælleskommunalt Organisationssystem as defined in Fælleskommunalt
        Administrationsmodul -->
        <URNIdentifikator>795ac65f-b480-4a01-98af-441980b192c3</URNIdentifikator>
      </ns2:BeskedAnsvarligAktoer>
      <ns2:TilladtModtager>
        <!-- Allowed receiving authorities, typically the municipality itself-->
        <URNIdentifikator>urn:oio:cvr-nr:11111111</URNIdentifikator>
      </ns2:TilladtModtager>

      <ns2:ObjektRegistrering>
        <ns2:ObjektRegistreringId>
          <!-- Id from the registration in Organisation -->
          <URNIdentifikator>urn:oio:objektregistreringid:11981802</URNIdentifikator>
        </ns2:ObjektRegistreringId>
        <ns2:RegistreringsAktoer>
          <UUIDIdentifikator></UUIDIdentifikator>
        </ns2:RegistreringsAktoer>
        <ns2:Registreringstidspunkt>
          <!-- timestamp of registration -->
          <TidsstempelDatoTid>2023-06-15T16:41:34.000+02:00</TidsstempelDatoTid>
        </ns2:Registreringstidspunkt>
        <ns2:ObjektAnsvarligMyndighed>
          <!-- CVR number of the authority-->
          <URNIdentifikator>urn:oio:cvr-nr:11111111</URNIdentifikator>
        </ns2:ObjektAnsvarligMyndighed>
        <ns2:ObjektId>
          <!-- UUID of the object the change concerns -->
          <UUIDIdentifikator>5511a062-c0cb-4e32-a57c-5b4b148f7602</UUIDIdentifikator>
        </ns2:ObjektId>
        <ns2:ObjektType>
          <!-- The object type from FK-Klassifikation, eg. buger -->
          <UUIDIdentifikator>2b808769-8d09-4aa3-ac28-f8ac3526010f</UUIDIdentifikator>
        </ns2:ObjektType>
        <ns2:ObjektHandling>
          <!-- As Listed in Event table eg. UUID of BrugerOprettet
          <UUIDIdentifikator>6ce72dab-1e09-425e-8503-5d6522f72fdf</UUIDIdentifikator>
          </ns2:ObjektHandling>
        </ns2:ObjektRegistrering>
      </ns2:Filtreringsdata>
      <ns2:Leveranceinformation>

      <!-- Section skipped -->

      </ns2:Leveranceinformation>
    </ns2:Beskedkuvert>
  </ns2:Haendelsesbesked>
</ns2:Haendelsesbesked>
```

```

<ns2:Beskeddata>
  <!-- Base 64 encoded payload
  <Base64>PFBheWxvYmQ+PFRyYW5zcG9ydD5SRVNUX0dRTDwvVHJhbnNwb3J0PjxPcGVyYXRpb24+b3ByZXQ8L09wZXJhdG
  Lvb3J4bVhjb2N0Y3Rpb25JRd42NTJkMDUwOC0zZTk3LTRLZDEtODk3MC0zNjkyODZhNjkwNmI8L1RyYW5zYWwN0aW9uSUQ+PEJydWdLc
  j45OTk50Tk50TwvQnJlZ2VyPjwvUGF5bG9hZD4=</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>cdae17f8-9fa6-42d9-889e-1fa4b90efec4</UUIDIdentifikator>
    </ns2:ObjektId>
    <ns2:ObjektType>
      <!-- Bruger object type UUID from Klassifikation -->
      <UUIDIdentifikator>2b808769-8d09-4aa3-ac28-f8ac3526010f</UUIDIdentifikator>
    </ns2:ObjektType>
  </ns2:RelateretObjekt>
  <ns2:RelateretObjekt>
    <ns2:ObjektId>
      <!-- OrganisationFunktion UUID -->
      <UUIDIdentifikator>04377e83-650f-47cd-b410-081b78aee2a5</UUIDIdentifikator>
    </ns2:ObjektId>
    <ns2:ObjektType>
      <!-- OrganisationFunktion object type UUID from Klassifikation -->
      <UUIDIdentifikator>c66a5d12-8582-4415-b988-85ed5519e7d6</UUIDIdentifikator>
    </ns2:ObjektType>
  </ns2:RelateretObjekt>
  <ns2:RelateretObjekt>
    <ns2:ObjektId>
      <!-- Person UUID -->
      <UUIDIdentifikator>201582ab-7638-47ee-8edd-dc4c87e35c71</UUIDIdentifikator>
    </ns2:ObjektId>
    <ns2:ObjektType>
      <!-- Person object type UUID from Klassifikation -->
      <UUIDIdentifikator>ce7fcf97-a8a2-447a-8690-d38aa0f6e23c</UUIDIdentifikator>
    </ns2:ObjektType>
  </ns2:RelateretObjekt>
...

```


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+PFRyYW5zcG9ydD5SRVNUX0dRTDwvVHJhbnNwb3J0PjxPcGVyYXRpb24+b3ByZXQ8L09wZXJhdGlvbj48VHJhbnNhY3Rpb25JRd43YzY4N2U3Yi0yM2U5LTQ4OTUtODk3MS1hMTMzNDc0NmU5Nzg8L1RyYW5zYWw9uSUQ+PEJydWd1cj51cm46RFJVPc9CcnVnZXI+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: *94ef3c82-10e9-4d12-a9d9-7a7242d5ba83*
- Foelsomhed: *1d81c472-0808-44cc-963d-f5ef0170ae1d*
- Kommunalt forvaltningsomraade: *

Example:

Fælleskommunalt Administrationsmodul

Opgaveoversigt
Organisationer
It-systemer
Serviceaftaler
Føderationsaftaler
Jobfunktionsroller
Rapporter
Brugerprofiler
Konfigurationer
Postopsætning
Integrations Administration

Datomodtager: Korsbæk Kommune
Kommentar: Godkendt til test
Betingelser: [Vis vilkår og betingelser ved godkendelse](#)
Godkendt:

Services:

Navn: BeskedModtag
Type: Fælleskommunal Service
Udbyder: Fælleskommunal Beskedfordeler
Dataafgrænsning: Modtag

- Afsendende myndighed: 111111111
- Beskedtype: 1996db0e-0a7c-425f-b2c2-03466a536c4d
- Foelsomhed: 1d81c472-0808-44cc-963d-f5ef0170ae1d
- Kommunalt forvaltningsomraade: *

Yderligere information: ⓘ

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_Bruger message type on the two event types BrugerÆndret and BrugerTilknyttetOrgEnhed.

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 ('862f6d4e-f70a-4e27-9383-24bb32919cf0', '03eb7cb8-cd95-4ef2-ac72-f7a46e645c96')
```

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.