



Human to Human Communication

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1. INTRODUCTION

This profile will be used to exchange any information that can not be exchanged through any of the Interoperability Profiles.

2. OBJECTIVES

The objective of this profile is to let organizations share information that are not handled by another profile, using plain text messages.

3. SCOPE

When other profiles do not cover the topic of the message, or when they cannot be used for technical reasons, and when a new profile cannot be designed to handle it.

4. PROFILE DETAILED DESCRIPTION

4.2. Roles Involved

Actor	Description
Sender	Sender is the legal person or organization who sends the message.
Receiver	Receiver is the legal person or organization who receives the message.

4.3. Actor Diagram

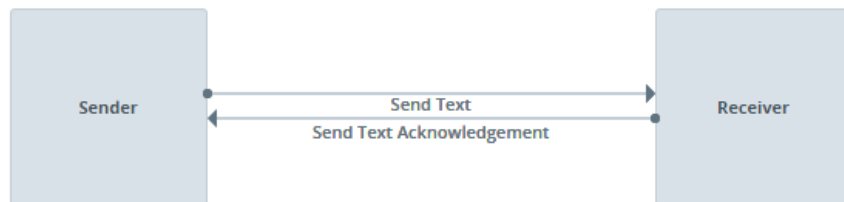


Figure above shows the actors directly involved in the Human to Human Communication Profile and the possible messages to be exchanged between them.

4.4. Transaction Information

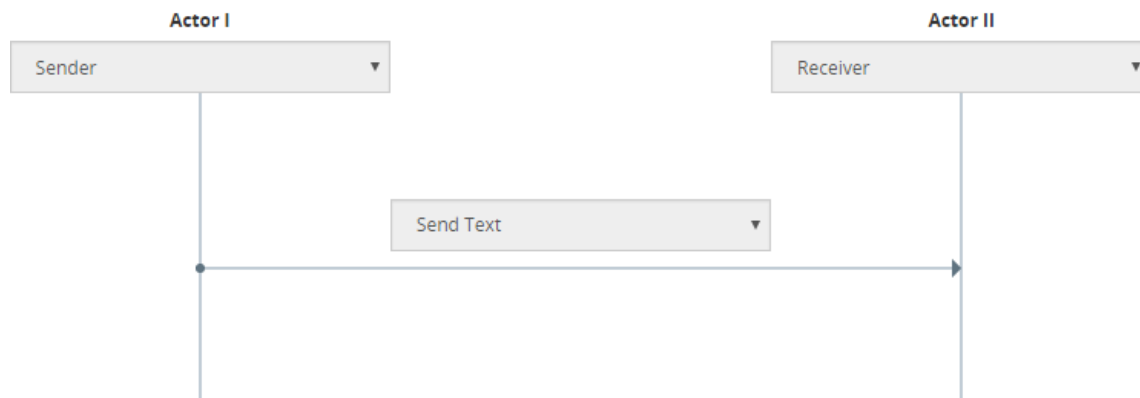
4.4.1. Send text to Destinee without Acknowledgement

4.4.1.1. Description

Categories	Description and Values
Identifier	1482741439
Description	The sender sends a message to a unique receiver, not asking for acknowledgment.
Actors	Sender, Receiver

Pre-conditions	Sender knows the Receiver. Sender and Receiver are online.
Post-conditions	Receiver has received the text message.

4.4.1.2. Interaction Diagram



4.4.1.3. Send Text Message

4.4.1.3.1. Message Semantics

```

<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
  <xs:element name="HtH_Message">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="HtH_Content" minOccurs="1" maxOccurs="1" />
        <xs:element ref="HtH_Property" maxOccurs="unbounded" />
        <xs:element ref="HtH_Attachments" maxOccurs="unbounded" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="HtH_Attachments">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="HtH_AttachmentsMimeType" minOccurs="1" maxOccurs="1" />
        <xs:element ref="HtH_AttachmentsContent" minOccurs="1" maxOccurs="1" />
        <xs:element ref="HtH_AttachmentsFilename" maxOccurs="1" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
  
```

```

        </xs:complexType>
    </xs:element>
    <xs:element name="HtH_Property">
        <xs:complexType>
            <xs:sequence>
                <xs:element ref="HtH_PropertyKey" minOccurs="1" maxOccurs="1" />
                <xs:element ref="HtH_PropertyValue" minOccurs="1" maxOccurs="1" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="HtH_PropertyKey" type="xs:string" />
    <xs:element name="HtH_PropertyValue" type="xs:string" />
    <xs:element name="HtH_Content" type="xs:string" />
    <xs:element name="HtH_AttachmentsFilename" type="xs:string" />
    <xs:element name="HtH_AttachmentsMimeType" type="xs:string" />
    <xs:element name="HtH_AttachmentsContent" type="xs:string" />
</xs:schema>

```

4.4.1.3.2. Protocol Requirements

```

<?xml version="1.0" encoding="utf-8"?>
<definitions xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:edxldr="urn:oasis:names:tc:emergency:EDXL:DE:1.0" xmlns="http://schemas.xmlsoap.org/wsdl/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:tns="urn:eu:c2sense:emergency:distribution:1.0"
xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/" name="EmergencyDistribution"
targetNamespace="urn:eu:c2sense:emergency:distribution:1.0">
    <documentation>C2SENSE Distribution Web Service</documentation>
    <types>
        <xsd:schema>
            <xsd:import namespace="urn:oasis:names:tc:emergency:EDXL:DE:1.0"
schemaLocation="../../DE/EDXL-DE.xsd"/>
        </xsd:schema>
    </types>
    <message name="SendMessage_Message">
        <documentation>Send Message</documentation>
        <part name="body" element="edxldr:EDXLDistribution"/>
    </message>
    <message name="ReceiveResponseMessage_Message">
        <documentation>Receive Response Message</documentation>
        <part name="body" element="edxldr:EDXLDistribution"/>
    </message>
    <portType name="Distribution_PortType">
        <operation name="SendMessage">
            <input message="tns:SendMessage_Message"/>
            <output message="tns:ReceiveResponseMessage_Message"/>

```

```

    </operation>
  </portType>
  <binding name="Distribution_Binding_Soap12" type="tns:Distribution_PortType">
    <soap12:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>
    <operation name="SendMessage">
      <soap12:operation soapAction="urn:oasis:names:tc:emergency:EDXL:DE:1.0:SendMessage"/>
      <input>
        <soap12:body use="literal"/>
      </input>
      <output>
        <soap12:body use="literal"/>
      </output>
    </operation>
  </binding>
  <service name="Distribution">
    <port name="Distribution_PortType" binding="tns:Distribution_Binding_Soap12">
      <soap12:address location="https://localhost:8080/Distribution"/>
    </port>
  </service>
</definitions>

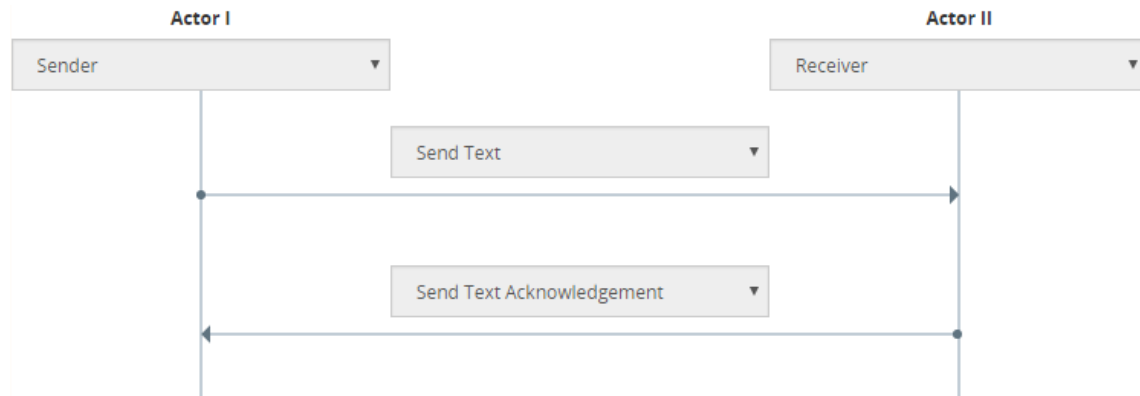
```

4.4.1. Send text to Destinee with Acknowledgement

4.4.1.1. Description

Categories	Description and Values
Identifier	1482741706
Description	The sender sends a message to a unique receiver, asking for acknowledgment.
Actors	Sender, Receiver
Pre-conditions	Sender knows the Receiver. Sender and Receiver are online.
Post-conditions	Receiver has received the text message.

4.4.1.2. Interaction Diagram



4.4.1.3. Send Text Message

4.4.1.3.1. Message Semantics

```

<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
  <xs:element name="HtH_Message">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="HtH_Content" minOccurs="1" maxOccurs="1" />
        <xs:element ref="HtH_Property" maxOccurs="unbounded" />
        <xs:element ref="HtH_Attachments" maxOccurs="unbounded" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="HtH_Attachments">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="HtH_AttachmentsMimeType" minOccurs="1" maxOccurs="1" />
        <xs:element ref="HtH_AttachmentsContent" minOccurs="1" maxOccurs="1" />
        <xs:element ref="HtH_AttachmentsFilename" maxOccurs="1" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="HtH_Property">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="HtH_PropertyKey" minOccurs="1" maxOccurs="1" />
        <xs:element ref="HtH_PropertyValue" minOccurs="1" maxOccurs="1" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
  
```



```

        </xs:complexType>
    </xs:element>
    <xs:element name="HtH_PropertyKey" type="xs:string" />
    <xs:element name="HtH_PropertyValue" type="xs:string" />
    <xs:element name="HtH_Content" type="xs:string" />
    <xs:element name="HtH_AttachmentsFilename" type="xs:string" />
    <xs:element name="HtH_AttachmentsMimeType" type="xs:string" />
    <xs:element name="HtH_AttachmentsContent" type="xs:string" />
</xs:schema>

```

4.4.1.3.2. Protocol Requirements

```

<?xml version="1.0" encoding="utf-8"?>
<definitions xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:edxlde="urn:oasis:names:tc:emergency:EDXL:DE:1.0" xmlns="http://schemas.xmlsoap.org/wsdl/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:tns="urn:eu:c2sense:emergency:distribution:1.0"
xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/" name="EmergencyDistribution"
targetNamespace="urn:eu:c2sense:emergency:distribution:1.0">
    <documentation>C2SENSE Distribution Web Service</documentation>
    <types>
        <xsd:schema>
            <xsd:import namespace="urn:oasis:names:tc:emergency:EDXL:DE:1.0"
schemaLocation="../../DE/EDXL-DE.xsd"/>
        </xsd:schema>
    </types>
    <message name="SendMessage_Message">
        <documentation>Send Message</documentation>
        <part name="body" element="edxlde:EDXLDistribution"/>
    </message>
    <message name="ReceiveResponseMessage_Message">
        <documentation>Receive Response Message</documentation>
        <part name="body" element="edxlde:EDXLDistribution"/>
    </message>
    <portType name="Distribution_PortType">
        <operation name="SendMessage">
            <input message="tns:SendMessage_Message"/>
            <output message="tns:ReceiveResponseMessage_Message"/>
        </operation>
    </portType>
    <binding name="Distribution_Binding_Soap12" type="tns:Distribution_PortType">
        <soap12:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>
        <operation name="SendMessage">
            <soap12:operation soapAction="urn:oasis:names:tc:emergency:EDXL:DE:1.0:SendMessage"/>
            <input>
                <soap12:body use="literal"/>
            </input>
        </operation>
    </binding>

```

```
</input>
<output>
  <soap12:body use="literal"/>
</output>
</operation>
</binding>
<service name="Distribution">
  <port name="Distribution_PortType" binding="tns:Distribution_Binding_Soap12">
    <soap12:address location="https://localhost:8080/Distribution"/>
  </port>
</service>
</definitions>
```

4.4.1.3. Send Text Acknowledgement Message

4.4.1.3.1. Message Semantics

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
  <xs:element name="HtH_Message">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="HtH_Content" minOccurs="1" maxOccurs="1" />
        <xs:element ref="HtH_Property" maxOccurs="unbounded" />
        <xs:element ref="HtH_Attachments" maxOccurs="unbounded" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="HtH_Attachments">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="HtH_AttachmentsMimeType" minOccurs="1" maxOccurs="1" />
        <xs:element ref="HtH_AttachmentsContent" minOccurs="1" maxOccurs="1" />
        <xs:element ref="HtH_AttachmentsFilename" maxOccurs="1" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="HtH_Property">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="HtH_PropertyKey" minOccurs="1" maxOccurs="1" />
        <xs:element ref="HtH_PropertyValue" minOccurs="1" maxOccurs="1" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
```

```
<xs:element name="HtH_PropertyKey" type="xs:string" />
<xs:element name="HtH_PropertyValue" type="xs:string" />
<xs:element name="HtH_Content" type="xs:string" />
<xs:element name="HtH_AttachmentsFilename" type="xs:string" />
<xs:element name="HtH_AttachmentsMimeType" type="xs:string" />
<xs:element name="HtH_AttachmentsContent" type="xs:string" />
</xs:schema>
```

4.4.1.3.2. Protocol Requirements

```
<?xml version="1.0" encoding="utf-8"?>
<definitions xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:edxlde="urn:oasis:names:tc:emergency:EDXL:DE:1.0" xmlns="http://schemas.xmlsoap.org/wsdl/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:tns="urn:eu:c2sense:emergency:distribution:1.0"
xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/" name="EmergencyDistribution"
targetNamespace="urn:eu:c2sense:emergency:distribution:1.0">
  <documentation>C2SENSE Distribution Web Service</documentation>
  <types>
    <xsd:schema>
      <xsd:import namespace="urn:oasis:names:tc:emergency:EDXL:DE:1.0"
schemaLocation="../../DE/EDXL-DE.xsd"/>
    </xsd:schema>
  </types>
  <message name="SendMessage_Message">
    <documentation>Send Message</documentation>
    <part name="body" element="edxlde:EDXLDistribution"/>
  </message>
  <message name="ReceiveResponseMessage_Message">
    <documentation>Receive Response Message</documentation>
    <part name="body" element="edxlde:EDXLDistribution"/>
  </message>
  <portType name="Distribution_PortType">
    <operation name="SendMessage">
      <input message="tns:SendMessage_Message"/>
      <output message="tns:ReceiveResponseMessage_Message"/>
    </operation>
  </portType>
  <binding name="Distribution_Binding_Soap12" type="tns:Distribution_PortType">
    <soap12:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>
    <operation name="SendMessage">
      <soap12:operation soapAction="urn:oasis:names:tc:emergency:EDXL:DE:1.0:SendMessage"/>
      <input>
        <soap12:body use="literal"/>
      </input>
      <output>
```

```
        <soap12:body use="literal"/>
    </output>
</operation>
</binding>
<service name="Distribution">
    <port name="Distribution_PortType" binding="tns:Distribution_Binding_Soap12">
        <soap12:address location="https://localhost:8080/Distribution"/>
    </port>
</service>
</definitions>
```