This specification provides canonical documentation of the jabber:x:roster namespace historically used within the Jabber community. NOTE WELL: This specification has been superseded by XEP-0144.
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1 Introduction

The Jabber protocols have long included a method for sending roster items to another entity. This method makes use of the 'jabber:x:roster' namespace and has been documented variously in Internet-Drafts and elsewhere. Because this protocol is not required by RFC 2779, the 'jabber:x:roster' namespace was removed from XMPP IM. This specification fills the void for canonical documentation.

NOTE WELL: This document has been superseded by Roster Item Exchange (XEP-0144).

2 Definition

The 'jabber:x:roster' namespace (which is not to be confused with the 'jabber:iq:roster' namespace) is used to send roster items from one Jabber entity to another. A roster item is sent by adding to the <message/> element an <x/> child scoped by the 'jabber:x:roster' namespace. This <x/> element MUST contain at least one <item/> child elements (one for each roster item to be sent).

Each <item/> element may possess the following attributes:

- **jid** -- The Jabber Identifier of the contact being sent. This attribute is REQUIRED.
- **name** -- A natural-language nickname for the contact. This attribute is OPTIONAL.

Each <item/> element MAY also contain one or more <group/> children specifying the natural-language name of a user-specified group, for the purpose of categorizing this contact into one or more roster groups.

3 Examples

Listing 1: A Roster Item Sent to another Entity

```xml
<message to='hamlet@denmark' from='horatio@denmark'>
  <subject>Visitors</subject>
  <body>This message contains roster items.</body>
  <x xmlns='jabber:x:roster'>
    <item jid='rosencrantz@denmark'
          name='Rosencrantz'>
      <group>Visitors</group>
    </item>
  </x>
</message>
```

4 Security Considerations

There are no security features or concerns related to this proposal.

5 IANA Considerations

This document requires no interaction with the Internet Assigned Numbers Authority (IANA) 4.

6 XMPP Registrar Considerations

The 'jabber:x:roster' namespace is registered in the protocol namespaces registry maintained by the XMPP Registrar 5.

7 XML Schema

```xml
<?xml version='1.0' encoding='UTF-8'?>
<xs:schema 
    xmlns:xs='http://www.w3.org/2001/XMLSchema' 
    targetNamespace='jabber:x:roster' 
    xmlns='jabber:x:roster' 
    elementFormDefault='qualified'>
    <xs:annotation>
        <xs:documentation>
            The protocol documented by this schema is defined in
        </xs:documentation>
```
XEP-0093: http://www.xmpp.org/extensions/xep-0093.html

NOTE WELL: This protocol has been superseded by XEP-0144
http://www.xmpp.org/extensions/xep-0144.html
</xs:documentation>
</xs:annotation>

<xs:element name='x'>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref='item' minOccurs='1' maxOccurs='unbounded'/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

<xs:element name='item'>
  <xs:complexType>
    <xs:sequence>
      <xs:element name='group' type='xs:string' minOccurs='0' maxOccurs='unbounded'/>
    </xs:sequence>
    <xs:attribute name='jid' type='xs:string' use='required'/>
    <xs:attribute name='name' type='xs:string' use='optional'/>
  </xs:complexType>
</xs:element>

</xs:schema>