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## getMessageValues ()

```
public DataObject getMessageValues (IchannelTypeCallback callback)
```

This method is called when a notification is sent to an intelligent business object. The method is supposed to return the values that are specific to the communication with this particular instance of the object - for example, an e-mail address of this instance. The method can use a callback interface to get the instance of the object and the instance of the SystemSettings object, like so:

```
IEntity intelligentEntity = callback.getEntity ();
IEntity systemSettings = callback.getSystemSettings ();
```

The method is supposed to return the data object containing specific values, or null if none are required. As an example, take a look at what the e-mail channel does:

```
public DataObject getMessageValues (IChannelTypeCallback callback)
{
    IEntity entity = callback.getEntity();
    if (entity == null)
        return null;
    try
    {
        String emailAddr = (String) entity.getAttributeValue(CommonConstants.EMAIL_ADDRESS_ATTR);
        SDOTyped dobType = new SDOType("EmailChannelEmailValues");
        dobType.addAttribute(CommonConstants.EMAIL_ADDRESS_ATTR, SDOType.STRING);
        DataObject dob = new SimpleDataObject(dobType);
        dob.setAttributeValue(CommonConstants.EMAIL_ADDRESS_ATTR, emailAddr);
        return dob;
    }
    catch (Exception)
    {
        System.err.println("Unable to read e-mail address in object "+entity.getName());
    }
    return null;
}
```

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