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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 DataObjectgetMessageValues(IChannelTypeCallbackcallback)  
{  
    IEntityentity=callback.getEntity();  
    if (entity==null)  
        return null;  
    try  
    {  
StringemailAddr=(String)entity.getAttributeValue(CommonConstants.EMAIL_ADDRE  
SS_ATTR);  
        SDTypedobType=new SDType("EmailChannelEmailValues");  
dobType.addAttribute(CommonConstants.EMAIL_ADDRESS_ATTR,SDType.STRING);  
        DataObjectdob= new SimpleDataObject(dobType);  
        dob.setAttributeValue(CommonConstants.EMAIL_ADDRESS_ATTR,emailAddr);  
        return dob;  
    }  
    catch (Exceptione)  
    {  
        System.err.println("Unable to read e-mail address in object  
"+entity.getName());  
    }  
    return null;  
}
```

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