Example 30: Defaults, inheritance and overriding behavior of data categories

In this example, the content of all the data elements is translatable and none of the attributes are translatable, because the default for the [Translate](http://www.w3.org/International/multilingualweb/lt/drafts/its20/its20.html%22%20%5Cl%20%22trans-datacat) data category in elements is "yes" and in attributes is "no", and neither of their values are overridden at all. The first translateRule is overridden by the local its:translate="no" attribute. As per the content of revision, profile, reviser and locNote, it is not translatable because the default is overridden by the before mentioned local ITS markup in the prolog element, and that value is inherited by all the children of prolog, except for field where the second translateRule takes precedence over the inherited value. The last translateRule indicates that the content of type is not translatable because the global rule takes precedence over the default value.

The localization note for the two first data elements is the text defined globally with the locNoteRule element. And this note is overridden for the last data element by the local locNote attribute.

**<Res** xmlns:its="http://www.w3.org/2005/11/its" its:version="2.0"**>**

 **<prolog** its:translate="no"**>**

 **<revision>**Sep-07-2006**</revision>**

 **<profile>**

 **<reviser>**John Doe**</reviser>**

 **<field>**Computing Engineering**</field>**

 **</profile>**

 **<its:rules** version="2.0"**>**

 **<its:translateRule** selector="//prolog" translate="yes"**/>**

 **<its:translateRule** selector="/Res/prolog/profile/field" translate="yes"**/>**

 **<its:translateRule** selector="//msg/type" translate="no"**/>**

 **<its:locNoteRule** locNoteType="description" selector="//msg/data"**>**

 **<its:locNote>**The variable {0} is the name of the host.**</its:locNote>**

 **</its:locNoteRule>**

 **</its:rules>**

 **</prolog>**

 **<body>**

 **<msg** id="HostNotFound"**>**

 **<type>**Error**</type>**

 **<data>**Host {0} cannot be found.**</data>**

 **</msg>**

 **<msg** id="HostDisconnected"**>**

 **<type>**Error**</type>**

 **<data>**The connection with {0} has been lost.**</data>**

 **</msg>**

 **<msg** id="FileNotFound"**>**

 **<type>**Error**</type>**

 **<data** its:locNote="{0} is a filename"**>**{0} not found.**</data>**

 **</msg>**

 **</body>**

**</Res>**

[Source file: [examples/xml/EX-datacat-behavior-1.xml](http://www.w3.org/International/multilingualweb/lt/drafts/its20/examples/xml/EX-datacat-behavior-1.xml)]