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DOWNLOAD: Example of a project

Description

In iRidumScript you can create and edit xml-objects and also refer and manipulate each field of the object. To create xml-objects use the command:

xmlObject = new XML('<test atrib="123">text</test>');

- **xmlObject** - the variable which we assign the xml-type for and where we write xml-structure
- **<test atrib="123">text</test>** - data which are going to be stored in the objects as fields and values

```
var DEVICE = IR.GetDevice("Weather"); //Defint the driver for working with
weather data

var xml;       //the variable stores the xml-object

//-----------------------------------------------------
//block for activation of user variables
//-----------------------------------------------------
var City;
var Region;
var Country;
var Temperature;
var Distance;
var Pressure;
var Speed;
var Chill;
var Direction;
var SpeedNumber;
var Humidity;
var Visibility;
var Pressure;
var Rising;
var Sunrise;
var Sunset;

//-----------------------------------------------------
```

```
IR.AddListener(IR.EVENT_RECEIVE_TEXT, DEVICE, function(text) //Event is
activated when data come from the server
{

  xml = new XML(text); //Convert data received from the server into the xml-
object

//-----------------------------------------------------
//Writing xml-attribute into the corresponding variables
//-----------------------------------------------------

  City = xml.rss.channel["yweather:location"]["@city"]; //Writing the city
name  into the variable

  Region = xml.rss.channel["yweather:location"]["@region"]; //Writing the
region name  into the variable

  Country = xml.rss.channel["yweather:location"]["@country"]; //Writing the
country name  into the variable

  Temperature = xml.rss.channel["yweather:units"]["@temperature"];//Writing
the type of displaying the weather into the variable

  Distance = xml.rss.channel["yweather:units"]["@distance"]; //Writing the
units of speed measurement into the variable

  Pressure = xml.rss.channel["yweather:units"]["@pressure"]; //Writing the
pressure value into the variable

  Speed = xml.rss.channel["yweather:units"]["@speed"]; //Writing the speed
value into the variable

  Chill = xml.rss.channel["yweather:wind"]["@chill"]; //Writing the
temperature value into the variable

  Direction = xml.rss.channel["yweather:wind"]["@direction"]; //Writing the
wind direction into the variable

  SpeedNumber = xml.rss.channel["yweather:wind"]["@speed"]; //Writing the
wind speed into the variable

//-----------------------------------------------------
//Output of received data in the log
//-----------------------------------------------------

  IR.Log("City = "+City);

  IR.Log("Region = "+Region);

  IR.Log("Country = "+Country);
```

```
  IR.Log("Temperature = "+Temperature);
  IR.Log("Distance = "+Distance);
  IR.Log("Pressure = "+Pressure);
  IR.Log("Speed = "+Speed);
  IR.Log("Chill = "+Chill);
  IR.Log("Direction = "+Direction);
  IR.Log("SpeedNumber = "+SpeedNumber);
});
```

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