

How could we convert a string to an object in a simpler way?

Question



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Hello

We were wondering if there is a more concise and simple way to convert information from a string to an object.

The string has each line separated by ; and each field divided by |

The string would look like:

```
fecha|nombreProfesional|centro|secuencial|horal|bloque|acto|lugar|duracion|nombreOrigen|modo||codigoCentro|codigoAgenda|especialidad|codigoCentroOrigen|codigoAgendaOrigen|borrable|telefono|telefono2||origen|;fecha|nombreProfesional|centro|secuencial|horal|bloque|acto|lugar|duracion|nombreOrigen|modo||codigoCentro|codigoAgenda|especialidad|codigoCentroOrigen|codigoAgendaOrigen|borrable|telefono|telefono2||origen|;
```

We would need to convert the previous string to a list of the following object:

```
Class EsquemasDatos.DragoAP.ConsultarCitas Extends (%Persistent, %XML.Adaptor, %RegisteredObject)
{
```

```
Property fecha As %String(MAXLEN = "");
```

```
Property nombreProfesional As %String(MAXLEN = "");
```

```
Property centro As %String(MAXLEN = "");
```

```
Property secuencia As %String(MAXLEN = "");
```

```
Property hora As %String(MAXLEN = "");
```

```
Property bloque As %String(MAXLEN = "");
```

```
Property acto As %String(MAXLEN = "");
```

```
Property lugar As %String(MAXLEN = "");
```

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```
Property duracion As %String(MAXLEN = "");

Property nombreOrigen As %String(MAXLEN = "");

Property modo As %String(MAXLEN = "");

Property codigoCentro As %String(MAXLEN = "");

Property codigoAgenda As %String(MAXLEN = "");

Property especialidad As %String(MAXLEN = "");

Property codigoCentroOrigen As %String(MAXLEN = "");

Property codigoAgendaOrigen As %String(MAXLEN = "");

Property tipoProfesional As %String(MAXLEN = "");

Property borrable As %String(MAXLEN = "");

Property telefon1 As %String(MAXLEN = "");

Property telefono2 As %String(MAXLEN = "");

Property origen As %String(MAXLEN = "");
```

We have been able to convert it with the following function:

```
ClassMethod citaPreviaConsultarCitasResponse(citas As %String(MAXLEN="")) As Mensajes
.Response.DragoAP.ConsultarCitasResponse
{

    set response = ##class(Mensajes.Response.DragoAP.ConsultarCitasResponse).%New()

    set datos = ##class(%ListOfDataTypes).%New()

    //Get each line which is ended by ;
    while (($find(citas,";")>0) && (citas!="")){
        set cita = $piece(citas,";",1)

        set citas = $extract(citas,$find(citas,";"),*)

        set dato = ##class(EsquemasDatos.DragoAP.ConsultarCitas).%New()
```

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```
set dato.fecha = $piece(cita,"|",1)
set dato.nombreProfesional = $piece(cita,"|",2)
set dato.centro = $piece(cita,"|",3)
set dato.secuencia = $piece(cita,"|",4)
set dato.hora = $piece(cita,"|",5)
set dato.bloque = $piece(cita,"|",6)
set dato.acto = $piece(cita,"|",7)
set dato.lugar = $piece(cita,"|",8)
set dato.duracion = $piece(cita,"|",9)
set dato.nombreOrigen = $piece(cita,"|",10)
set dato.moda = $piece(cita,"|",11)
set dato.codigoCentro = $piece(cita,"|",13)
set dato.codigoAgenda = $piece(cita,"|",14)
set dato.especialidad = $piece(cita,"|",15)
set dato.codigoCentroOrigen = $piece(cita,"|",16)
set dato.codigoAgendaOrigen = $piece(cita,"|",17)
set dato.borrable = $piece(cita,"|",18)
set dato.telefono1 = $piece(cita,"|",19)
set dato.telefono2 = $piece(cita,"|",20)
set dato.origen = $piece(cita,"|",21)

do datos.Insert(dato)

}

set response.datos = datos
quit response
}
```

Which is being called from a Business Process

?? Would you mind to share how would you code this task?

00 0 2 131 [1](#)

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