



## SQLImport - fromString() Appendix

*Note : This appendix is greatly inspired by the [fromString.txt data\\_import](#) documentation*

**fromString()** / **toString()** methods have been introduced in eZ Publish 3.9 for datatypes in order to simplify content manipulation.

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## ezauthor

To separate one author from another ' & ' char is used, to separate parts of author data '|' is used. The system escapes '|','&','" with the '"' char.

Example of toString result :

```
Administrator User|sp@ez.no|0&Sergiy|bla@fooo.tt|1&SP|sp@ez.od.ua|2
```

toTmake it easy to parse such kind of strings the class *eSStringUtils* is added under *lib/ezutils/*. It has 2 functions as a members :

- explodeStr( \$str, \$delimiter = '|' )
- implodeStr( \$str, \$delimiter = '|' )

## ezbinaryfile

*toString()* function of this datatype returns string of next format :

```
/path/to/my/file|original_filename
```

*filepath* is the path to a file so you can copy this file in a place you want, *original\_filename* is the original filename of uploaded files. This might be needed for export since it is not nice to have file name as md5 of something.

If you want to import binary file to the attribute you need to supply it with full path to the image argument.

## ezboolean

Returns and accepts 1 or 0 for true and false.

## ezcountry

Returns coma-separated list of selected countries locale strings like for ex.:

```
rus-RU,eng-GB,nor-NO
```

## ezdate

Returns/accepts unix timestamp.

## ezdatetime

Returns/accepts unix timestamp.

## ezemail

Returns/accepts email address.

## ezenum

Not supported

## ezfloat

Returns/accepts floats.

## ezidentifier

Returns|accepts identifier value

## ezimage

Returns path to original alias of an image. Accepts full path to the image you want to upload.

## ezinisetting

Returns/accepts value of an inisetting.

## ezinteger

Just integer value both ways.

## ezisbn

ISBN number as a string

## ezkeyword

Comma separated list of keywords

## ezmatrix

Uses similar format to ezauthor datatype. The columns are sparated with '|' and rows are separated with '&'

## ezmedia

toString function of this datatype return string of next format:

```
filepath|original_filename
```

If you want to import media file to the attribute you need to supply it with full path to the media file.

## ezmultioption

The first '&' separated value is the name of multioption set, then each '&' separated string represents each option in multioption set. This string it self is '|' separated value, consist of inorder: \_name\_ of the option and the \_id\_ of option item which should be selected by default. After these to values we have option\_value and additional price for the option item.

## ezmultiprice

The structure of a data handled by this data type is

```
currency_name_1|value_1|type_of_price_1|currency_name_2|value_2|type_of_price_2|.....currency_name_n|value_n|type_of_price_n|
```

Where currency\_name is thre char currency name like EUR,USD and so on, value is the price in this currency, and type can be AUTO or CUSTOM dependin on if the price in this currency has been inserted by user or calculated automatically.

## **ezobjectrelation**

ID of related object both ways.

## **ezobjectrelationlist**

'-' separated list of related object ID'd.

## **ezoption**

'|' separated list of option name of the option and then | sparated list of option\_item|additional item price values.

## **ezpackage**

Not supported.

## **ezprice**

'|' separated list of price, VAT id, and flag wether VAT is included to the price or not.

## **ezproductcategory**

'|' separated string with product category name and category id, though you can call fromString method with just category name as a parameter.

## **ezrangeoption**

'|' separated string contains name of the option, start,stop and step values for the option.

## **ezselection**

'|' separated list of selected election item names.

## **ezstring**

Just a string

## **eztext**

the data text from the attribute.

## **eztime**

String with the time of the day like HH:MM in 24h format

## **ezurl**

String containing the url

## **ezuser**

'|' separated string with user login, email, password hash, and password hash type

## **ezxmltext**

Valid ez publish xml. You can use **SQLIXMLInputParser** (which is basically a copy of *eZOEInputParser*).

```
$htmlMessage = '<p>My <strong>HTML</strong> content</p>';  
$parser = new SQLIXMLInputParser();  
$parser->setParseLineBreaks( true );  
$document = $parser->process( $htmlMessage ); // Result is a DOM Document  
$eZXMLString = eZXMLTextType::domString( $document );
```