Virtual functions and values transformations in AssetForms

As with ConfiForms app for creating forms in Confluence you can have different ways of showing your data, and also transforming your data the way you need it.

For example, assume we want to show the value of the field "myfield" in upper case and want to show only the first 3 symbols of it's value

```
myfield.upperCase.trunc(3)
```

In AssetForms we support the following virtual functions which you can use with your field's values and chain, if necessary.

Function	Description
barcode(**barcodeType**)	Generates barcode of requested type from the value. **barcodeType** can have the following types: • Interleaved2of5 • Codabar • ITF-14 • Code39 • Code128 • EAN-128 • GS1-128 • UPC-A • UPC-E • EAN-13 • EAN-8 • POSTNET • RoyalMail • USPS • PDF417
base64	Returns bas64 encoded string of the value
formatNumber(**PATTERN**)	Attempts to format the value using either default (when **PATTERN** parameter is left empty) or given formatting **PATTERN** Expected format: https://docs.oracle.com/javase/7/docs/api/java/text/DecimalFormat.html If value could not be formatted according to given format then value will be returned as is
length	Returns size of a collection for multi-value field or a number of chars for other types
lowerCase	Returns a lowercases value for the field
matches(**REG_EXP_PATTERN**)	Returns true if field's value matches given regular expression pattern **REG_EXP_PATTERN** And returns false otherwise In conditions it is easy to check if the given value matches the pattern: myfield.*matches*(**REG_EXP_PATTERN**):true Or more advanced example with checking for (non) empty value: !myfield:[empty] AND myfield.*matches*(**REG_EXP_PATTERN**):true

qrcode	Creates QR code from the given value. It is expected that you generate the QR code for the value containing URL
trim(**n**)	Trims the value, Skips "**n**" first symbols
trunc(**n**)	Truncates the value. Leaves "**n**" first symbols
upperCase	Returns a uppercased value for the field