TYPO3.Flow - Feature # 32607

Status:	Needs Feedback	**Priority:**	Should have
Author:	Karsten Dambekalns	**Category:**	I18n
Created:	2011-12-15	**Assigned To:**	Karsten Dambekalns
Updated:	2013-05-21	**Due date:**	

PHP Version:	
Has patch:	No
Complexity:	
Subject:	Export localized strings for JS consumption

Description
We need a way to export all messages of a locale for use in JS on the client side.

Related issues:		
related to TYPO3 Flow Base Distribution - Story # 42407: Asset Management	**New**	**2012-10-26**

History

#1 - 2011-12-16 11:00 - Adrian Föder

I'd even like to see an option to flag specific messages for export.. We surely needn't every all available messages pushed out to the client.

Also there's the need to take care about different js-framework's localization approaches. In MooTools for example, it's

```
1 Locale.define('en-US', 'Date' /* Date is the entitiy to describe, could also be 'Vendor\MyPackage\Domain\Model\Thing' */, {
2
3    months: ['January', 'February', 'March', 'April', 'May', 'June', 'July', 'August', 'September', 'October', 'November', 'December'],
4    days: ['Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday'],
5    dateOrder: ['month', 'date', 'year', '/'],
6    AM: "AM",
7    PM: "PM",
8    //members can be functions; these will be executed and passed any arguments with .get(member[,args])
9    ordinal: function(dayOfMonth){
10       return (dayOfMonth > 3 && dayOfMonth < 21) ? 'th' : ['th', 'st', 'nd', 'rd', 'th'][Math.min(dayOfMonth % 10, 4)];
11   },
12   lessThanMinuteAgo: 'less than a minute ago'
13
14});
```

I'm open for discussion :)

#2 - 2012-03-07 15:59 - Karsten Dambekalns

- Status changed from New to Needs Feedback

- Assigned To set to Karsten Dambekalns

- Target version set to 1.1

It would be nice to have this in 1.1 - but I need input from the JS folks on this!

#3 - 2012-03-07 16:05 - Bastian Waidelich

Maybe this could be achieved with a ViewHelper:

```
1 <script>
2 var myLabels = {f:xliffToJson(source: 'SomeLabelsCatalog', locale: 'de_DE')};
3 </script>
```

(with cooler naming)

#4 - 2012-03-22 23:23 - Alexander Berl

I like the viewhelper idea. Options that such a viewhelper should have:
 - select locale (obviously), default should be current session locale
 - select package where translations get picked from (optimally it would also be possible to get translations from all packages)
 - get a list of translations that start with a specific identifier prefix (e.g. "foo.bar.baz.*" or "date.month.long.*")
 - result array should be possible to be associative (with identifier as key) or indexed (default behaviour?)

#5 - 2012-05-21 16:18 - Karsten Dambekalns
- Target version changed from 1.1 to 2.0 beta 1

#6 - 2012-11-13 10:23 - Francois Suter

I agree that this would be very useful. Filtering the messages would be a nice option.

A reference could be the JS localization found in TYPO3 CMS (typo3/sysext/lang/res/js/be/typo3lang.js). It even handles plurals.

The main question is where to generate such a file. A view helper makes sense IMO.

#7 - 2012-11-13 10:27 - Adrian Föder

I think that should go hand-in-hand with #42407 which I just added as a relation to this issue.

#8 - 2012-11-13 11:35 - Francois Suter

If this can be of any use, here's a quick and dirty solution I threw together for a project: https://gist.github.com/4065082

#9 - 2012-12-10 13:30 - Karsten Dambekalns
- Target version changed from 2.0 beta 1 to 2.1

#10 - 2013-05-21 13:28 - Robert Lemke
- Target version deleted (2.1)