

Contrib Tool

Dirk Roorda 2016-10-12 Ghent Belgium

It's tough right now

- much less progress than I expected
- hard search for web frameworks



Current State

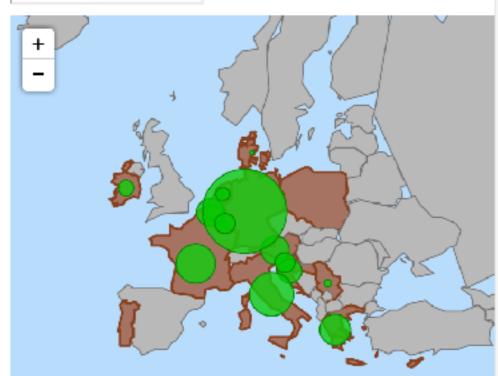
- screen
- data
- stack





Showing 786 of 786

search in title (786 of 786)



By country (786 of 786) >

🗸 -none- (0) 🗸 France (81) 🗸 Luxembourg (22)

Austria (42) Germany (372) Netherlands (10)

Belgium (40) Greece

Croatia

(50) ✓ Serbia (3) (13) ✓ Slovenia (21)

Denmark (1) Italy (101)

By typeContribution (786 of 786) >

(30) Ireland

✓ -none- (51) ✓ Event (111)

✓ Access (216) ✓ Expertise (219)
✓ Content Hosting (91) ✓ Interoperability (56)

Conneration (109) Z Summer School

Real time 3D platforms for the knowledge and distance visiting of CH\n- Digital repository
 of 3D architectural elements

/w associated projects and Workshop

3DHOP

8. DARIAH-DE Konsortialtreffen

88milSMS

88milSMS

A semiautomatic TEI encoding module for medieval missals on base of the DOCX to TEI XSLT transformations of the TEI Community.

AAI

AAI

AAI

ACDH Lectures

ACDH-Tool Gallery

ADAP (Asia-Pacific digital archives)

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AG RDLC, AG SLC

AG Service-Life-Cycle (lead) + Working Group "Best practices of (digital) annotation" (lead)

+ National Coordination of the EU-Course-Registry + Executive Board\t + Steering Group Committee

ALIM

API Admin + Storage

ARCHEOGRID

ARCHEOGRID

ARIADNE http://www.ariadne-infrastructure.eu/\nLoCloud http://www.locloud.eu/\n3D-ICONS www.3dicons.ie and http://3dicons-project.eu/

Accounting

Accounting

Admin API

Admin API

Admin API

(3O)

screen

Python 3 O

data

e Edit View Insert Cell Kernel Help

Importing InKind from FileMaker

We use an XML export of the various tables in the FileMaker Inkind database.

The XML will be read, field definitions will be extracted from it, the data will be read. We do the following:

- · adapt the table and field organization;
- adjust the field types and the values, especially for datetime and currency;
- generate value tables and cross tables;
- add extra information for countries, so that they can be visualized on a map
- · link values to existing tables;
- write SQL create statements and insert statements
- import a moderately denormalized version of the data into MongoDB

- source:FileMaker
- export to
 - SQL
 - MongoDB

enu

```
In [1]: import os, sys, re, collections, json
from os.path import splitext, basename
from copy import deepcopy
from functools import reduce
from glob import glob
from lxml import etree
from datetime import datetime
from pymongo import MongoClient
```

Extra data

Here we define extra data that will be used to enrich some tables later on.



```
In [2]: country_extra = dict(
    AT=('Austria', 47.7, 15.11),
    BE=('Belgium', 51.3, 3.1),
```

stack

- build tool
 - gulp
- server
 - web2py
 - mysql for users
 - mongodb for dariah data
- client
 - react (plain)
 - leaflet





the landscape of ES6 (javascript)

https://hackernoon.com/how-it-feels-to-learn-javascriptin-2016-d3a717dd577f#.v6i0mx7rd





landscape

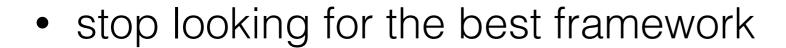
classic	tech category	holy grail / shit
??	build tool	webpack
python/php	server	node/express
mysql	database	mongodb
views	client	single-page-app
ad hoc	interaction	react/angular
templates	styling	jsx handlebars
single framework	character	single language: javascript/json
stable environment	goodies	fluid for users, search engines, data
web2py/Django	all together	MEAN/MERN/Meteor



stack

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- gulp webpack
- web2py node/express
- mongodb mysql
- react redux
- server-side rendering
- optimistic ui
- integrated framework
- fullstack





- connect new knowledge with old knowledge
 - from own "mini-framework" to plain "react"
- forget scalability
 - millions of DARIAH visitors
 - distributed computing
 - big-data solutions
- stop refactoring
- resume adding business logic

and now?