Project Title: THE FOF-DESIGNER: DIGITAL DESIGN SKILLS FOR FACTORIES OF THE FUTURE

Project Acronym: DigiFoF



Grant Agreement number: 2018-2533 / 001-001 Project Nr. 601089-EPP-1-2018-1-RO-EPPKA2-KA

Subject: D2.3 WEB PLATFORM¹

Dissemination Level: PUBLIC

Lead Organization: BOC

Project Coordinator: ULBS

Contributors: All partners Reviewers:

Revision	Preparation date	Period covered	Project start date	Project duration
V1	March 2019	Month 1-3	01/01/2019	36 Months
V2	September 2019	Month 1-9	01/01/2019	36 Months
This project has rec Key Action 2 - Know	eived funding from th vledge Alliances unde	ne European Union's r the Grant Agreeme	EACEA Erasmus+ Pro nt No 2018-2533 / 00	gramme 01-001

¹ "Any communication or publication related to the action, made by the beneficiaries jointly or individually in any form and using any means, shall indicate that it reflects only the author's view and that the Agency and the Commission are not responsible for any use that may be made of the information it contains."

Table of content

1	EXECUTIVE SUMMARY	3
2	OMiLAB4FoF web platform access data and installation guide	4
	I. Back-end deployment	4
	II. Frond-end deployment	10
3	Conclusion	13

1 EXECUTIVE SUMMARY

This deliverable accompanies the update release of the DigiFoF web platform V2. The information provided is hence mainly technical in nature. The purpose is to provide the reader with the information on installation prerequisites, access data to web platform files as well as installation guide.

The content on this deliverable can also be accessed at: <u>http://boc-pl.com/digifof/D2.3/webplatformmanual.html</u>

2 OMiLAB4FoF web platform access data and installation guide

This tutorial describes all necessary steps required to deploy the web platform V2 for your Laboratory.

The web platform is using an open source micro-service architecture based on Olive made available by OMiLAB². Main component of web-platform is developed with Open Source³ Strapi headless CMS

Download installation files from:

http://boc-pl.com/digifof/v2/DigiFoF-webportal-v2.zip

postgres=#

Manual consists of two parts: back-end and front-end.

I. Back-end deployment

I.1 Extract provided project archive or clone project repository (if applicable).

I.2 Open command prompt/windows powershell/terminal inside project folder

I.3 run:

npm install

🖉 spm

:\Users\dominik\Desktop\olive-webportal-brokerage-vi> npm install] - extract:ansi-styles: http://registry.npmjs.org/code-point-at/-/code-point-at/

²https://www.adoxx.org/live/olive

³ Copyright (c) 2015-2019 Strapi Solutions.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

I.4 Adjust config for database connection (set user/pass/port/host as environmental variables) or type it in '\config\environments\production\database.json'.



Note, one of the configurations is the name of the database. It should be created beforehand (for example using pgadmin gui, that comes default with postgres installation).



Page 5

Database user set in config has to have all the rights to the database.

Environmental variables names:

process.env.SITE_SECRET (secret key needed to validate captcha for user registrations)

alternatively in '\middlewares\validateUser\index.js'

process.env.PORT (internal port of application, 1337 by default) process.env.PROXY_ENABLE (enable proxy support) process.env.PROXY_SSL (enable ssl support) process.env.PROXY_HOST (host, where your app is at) process.env.PROXY_PORT (port of hosted app) alternatively in '\config\environments\production\server.json'.

process.env.DATABASE_HOST process.env.DATABASE_PORT process.env.DATABASE_NAME process.env.DATABASE_USERNAME alternatively in '\config\environments\production\database.json'.

27 Windows Paver/Stell	-	0	×
PS C:\Users\dominik\Desktop\olive-webportal-brokerage-vl> PS C:\Users\dominik\Desktop\olive-webportal-brokerage-vl> Sem: PDRT=1337 PS C:\Users\dominik\Desktop\olive-webportal-brokerage-vl> Sem: DATABASE_PDRT=1327 PS C:\Users\dominik\Desktop\olive-webportal-brokerage-vl> Sem: DATABASE_PDRT=54126 PS C:\Users\dominik\Desktop\olive-webportal-brokerage-vl> Sem: DATABASE_STRTMARE_PDRTTAL-brokerage-vl> Sem: DATABASE_STRTMARE_PDRTTAL-BRTTA	ta.	Renefi e	Î

You need to provide proxy config in '\config\environments\production\server.json', so that account confirmation emails would point to proper url (replace "host" value with your own).

For testing and hosting on localhost, just remove config part below:

```
"proxy": {
"enabled": "${process.env.PROXY_ENABLE || true}",
"ssl": "${process.env.PROXY SSL || true}",
"host": "${process.env.PROXY_HOST || 'digifof-brokerage-cms.herokuapp.com'}",
"port": "${process.env.PROXY_PORT || 443}"
},
 server - Notepad
File Edit Format View Help
{
  "host": "localhost",
  "port": "${process.env.PORT || 1337}",
  "production": true,
  "cron": {
    "enabled": false
  "admin": {
    "autoOpen": false
  }
```

}`

I.5 run:

npm run build

S C:\Users\dominik\Desktop\olive-webportal-brokerage-vl> npm run build	
olive-webportal-v100.1.0 build C:\Users\dominik\Desktop\olive-webportal-brokerage-v1 strapi build	
uilding your admin UI with development configuration	
weignets compiled successfully in 1.52m	
S C:\Users\dominik\Desktop\o]ive-webportal-brokerage-v1>	

npm run production

18 ye -	п	3
rs clubers/Wasinik/Deuktap/ollve-webportal-brokeringe-v2x opu run production » olive-webportal-v180/1.0 production C-Uluars/Ldeukicp/olive-webportal-brokerage-v1 » cross-env. ADDC_RMV-production strapi start		Ĩ
(1) 0.1 1000 1010 101 101 1010 when the SM database indexes haven't been generated successfully. Please enable the indexes many details in the SM database indexes haven't been generated successfully. Please enable the indexes for annex details in the SM database indexes haven't been generated successfully. Please enable the indexes for annex details in the SM database indexes haven't been generated successfully. Please enable the indexes for annex details in the SM database indexes haven't been generated successfully. Please enable the indexes for annex details in the SM database indexes haven't been generated successfully. Please enable the indexes for annex details in the SM database indexes haven't been generated successfully. Please enable the indexes for annex details in the SM database indexes haven't been generated successfully. Please enable the indexes for annex details in the SM database indexes haven't been generated successfully. Please enable the indexes for annex details in the SM database indexes haven't been generated successfully. Please enable the indexes for annex details in the SM database indexes haven't been generated successfully. Please enable the indexes for annex details in the SM database indexes haven't been generated successfully. Please enable the indexes for annex details in the SM database indexes haven't been generated successfully. Please enable the indexes for annex details in the SM database indexes haven't been generated successfully. Please enable the indexes for annex details into indexes for annex details into into into into into into into into	felisig Jebug Jebug Jebug Jebug Jebug Jebug Jebug	
<pre>Process PIDs code Process PIDs code To shot Sector 10.05 bits (10.05 bits); To shot Sector 20.05 bits (10.05 bits); Process CTRC: + C at any time Process PIDs code To shot Sector 20.05 bits Process PIDs code To shot Sector 20.05 bits Process PIDs code To shot Sector 20.05 bits Pids of Pids Pids Pids Pids Pids Pids Pids Pids</pre>		

By default, your application will run on localhost, port 1337 and your admin dashboard would be available at:

http://localhost:1337/admin

Above is configurable in '\config\environments\production\server.json' - also environmental variable is an option.

To be able to receive proper account confirmation emails, please also fill in your proxy settings if host is different from localhost.

I.6 Now, after accessing admin panel, you can create your administrator account.

O feer family formers at the		+ 0 ×
+ + 0 @ water III and a group of the second dataset		AL:0-0-1
	Welcome!	
	To their strain and last the year equilibrium events the first and their advantage of the constants of the strained on below.	
	Manual	
	les las	
	Property	
	Continuenting Research	
	Deal	
	(b) protections	
	 from on-quint data (for one believe on quarry operation). 	
	Concerning of the second se	
(2) strapi		

If you would like to use migration package, to see example content, now is the time, when database is empty - just run provided sql commands (migrationbrokerage.sql) on the database you created.

els Estar."	Query History	Science Pad
DASERT	DUP public binizapas (id, mass, spring), visible, created st, updated at: WEDES (\$9999998, 'About', 'Apithe D	
INSERT	LATS public grids id, name, type, visible, created at, updated at) WALHES (MCCONDER, Juns', Jun', true, Juli	
INSIST	DWS public.grams (id, name, type, statble, created_st, updated_st) WALLEL (MMMMMM), "Avents", "Avents", true,	
INTERT	DETE public-gride (id, meet, type, visible, scanted_st, updated_st) MALES (MORNED), "Francings', "francing',	
DAPERT	INTE public.grime_princinprincin_princ (1d, princin_id, princin) VALUES (MONROOD, MARADAR, MARADAR))	
DADEAL	ENTS public.grids.grids.la_grids.ta_grids (14, grids.t_id, grid_14) VALUES (SESDOOD7, DEDDDDD, DEDDDDT))	
INSIRT	<pre>INF pairs.prim.prim.prim.fs_prim.fs_prim. (1d, prim.f.td, prid_1d) 001012 (SEE00000, V0000000, V0000001)</pre>	
242247	<pre>DWTD public_join (id, none, type, searription, ensil, "AlternateFisterary1", scatter_at, ussated_at) VALUE (0)</pre>	
TAPENT	1975 public systemings (1d, name, date, description, east), "alternateFistureCr1", created_at, updated_at; WALE	
INSONT	EVTO public events (h), name, date, description, even, "AlternatePistureV-1", stasted_st, undeted_st, VALUES	
DAPORT	INTO posite upland file words (id. spinst file of, related id, related type, field) walkes (spronon, sources),	
142141	LANG public uplied ("Is some 's, stiller_Tis_td, related_td, related_type, Tistd) Values (wereven, sevenes,	
TRACKT	this participation of a line in and, basis, statis, etc. and, title, art, provider, participation, art and at, art and a statis art, and a statis art and a sta	
TRADUCT	in a point of prove the list wave, then, the set, when the state of points, but the state of a set of the set	
THEFT	are particulated and the content and clarks, clarks, clarks, and added at the second contents of a second of	
Design	The parties of the same restory with a constant of the second of the second of the second sec	
TREET.	1977 public stutents inclusing inclusion stutents (id) variants (id) variants (id) Valides concerned, successed, and	
THURST	TATE public revisers inclusion provide a relation of sectors in Walley (Wysers, Baselin, Ba	
INSERT	TAYS sublit protects included interest ind, tectored id, protect id Walley Woodsen, unserned	
THEFT	DWTG public projects (id, name, sffiltation, visible, description, greated at, updated at: VALUES BURGGOOD, 's	
INDERT	INTO public historyness (id, name, content, visible, constat_st, updated_at; Values (Values) "values)	
INSERT	2012 public princip (id, mane, wil, erable, crustad at, updated at) VALDES (monorest, 'Localecut', 'brep///lac	
INSERT	INTO public prime primeria primeria primeria, primeria, primeria VALDES (20000000, 20000000), 20000000);	
INSERT	1005 public grins (id, name, type, statiste, statist_st, opdate(_st) WALEE (20000000, "Projects", "Project", tr	
DAPERA	END pattr. Planeta_projects_projects_flameta (id, filemen_id, project_id) WebEE (###################################	
INSERT	EXTE public Filaments (id, description, name, visible, created_st, spinier_ex) VALUES (DESSAUL) "Tors is along	
_		
a Dethick	Ecology Machinesey Methodation	

Create your admin account and log in.

I.7 Set user permissions to view content, that you would like to display (this could be done in Plugins->Roles&Permissions->Public)

As a default, you should set permission to 'find' and 'findone' for all public roles for all predefined content types (remember about saving – button in top right corner).

1 the late & beauty	• (4)								- 1 -
+ + C Committee	Colorence in section	and the second second							
💬 strapi	4								
e fem	Public							(and	-
	Role details								
1.000	have .					The summaries			
A Holest	1400					(b)	1 c at-		
1. mil	The second se								
A Mappin	all former								
A Second	- mage the period of	fragment of the							
A Berner									
 Annesis 						1.81			
S1.000									
	Permissione						Advanced settings		
· Constituents	0.011100000000000						Address of participant data include Taxa		
A Count for Adda	011022700-0.00-0		10 m				Term.		
· Partnerst	64					- 3mod M			
Contract Constants	0.000				-		Bined route to Tommer, Notice		
	. 94		- terms		2 41114				
-William	C Grave					0.00104	and determine of		
a rear	12		1.000		C 1000				
	4.94		Change 1		C atting				
	1000					2000			
· ·						- market			
				2	and and				
	1,44				and a				

I.8 Turn on new user account confirmation in Plugins->Roles&Permissions->Advanced Settings

Also provide redirection url to your front-end application, so users could be taken there after account confirmation (eg. http://localhost:4000/activated).

Remember, that after registering and signing in, users will get default role 'Authenticated'. Don't forget to give them proper permissions, same as you did with 'Public' role or they will be not able to see any content after signing in!

2 mg 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m	• •			
(C) stropi				1000 T 10 10
E.	Roles & Permissions			law be
	Rectification in the second se	Fylam.	Test Broken-	Advanced Selfings
- 1044 - 1000	lengt of the activity operand			
and the second sec	April 10			
	1.4 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1 (
	the summing an analysisters			
	- 63			
	The second			
	Total Annual			
P lowellandow	The delivery is specification in the second se	1.		
and a function of	the state of the s			
	the last by the part of the local data			
	Statution of			
	Tab. No. of an in the local sectors of			
a burners	the second secon			
A loss.	3			
				•

I.9 Adjust your email server settings if you would like to recover passwords and confirm user accounts: plugins->email(cogwheel icon)->production.

-0 har-last	+ . + .		- # A
+ + 0 0 menutic	Constant of the		* 8 * 8 E
🗇 strapi			
	Email - Settings		Sec. 100
e alte	[ampire]	Puiste -	have
	And and a second		
(Prest			
a limita	Surgers and a larger than	Tentenamic School Partie To	
A Transport	and particular dataset	Out, with the second	
	-	Tes:	
	antika por	17.44	
A Constitution			
P Control Section	And desides party		
· Contractor			
1000 C			
a nan			
a risision			
* 1			
			•

I.10 Content creation

New content could be created, by selecting names of content types and clicking 'Add New [contenttype]' button.

After filling in required fields and clicking 'Save', new content item will be created in database.

Some fields are relations between content types. One of more important relation examples is one between 'Grid' and 'Gridurl' - to be able to use 'Grid' properly, you must create one or more 'Gridurl' items and link it with desired 'Grid' item, so the 'Grid' component in front-end application would know, where to look for data.

Please use unique names for htmlpages and grids - otherwise you will run into unexpected behaviour in frontend.

The second second							
+ + d Illustration	the state of the s	and the second se				- E = E -	
(C) strapi	a a	16.041				Here a R	
	Grid					and the second second	
	a statement -					100 million (1997)	
14	1.000					α.+.	
		New .	~				
6,704		1494	have	24		54.4	
a di Anno 1		land-	Circl			52.4	
		14	-			19.9	
		have."	-	100		02.72	
	(m) a service 1					1	
C. Transition of Stream	() ()						- 3 1
+ + G D series	and the second se	and and the sector	and the latest of the statest	a contra a sugar			* * ? = 1
- strapi							
1 1-1-1-	New Entry					-	144
- 640	- Inste		ter 1			00848-01	
	Bana Aspector		Page		10	Brill op Hann	140
and the second	West of					- tealest	
	View.						
+ Parts							
 Subant 	1						
- Seamon							
t lange							
A CONTRACTOR OF A CONTRACTOR A							

These are the most basic configuration options for back-end part of the portal.

Since web platform is created using Strapi headless cms, for more advanced configuration options, you could look at source documentation: <u>https://strapi.io/documentation/3.0.0-beta.x/</u>

II. Frond-end deployment

II.1 Extract provided project archive or clone project repository (if applicable).

II.2 Open command prompt/windows powershell/terminal inside project folder

II.3 run:

npm install

Human Share View				
			. 0	
LIT rges				- 🗆 x
S C:\Users\dominik\Desktop\olive-brokera \ loadDep:@babel/typ	pe-frontend> rem install s: sill loadAllO	epsIntoIdealTree		

II.4 Adjust config in src/config.js file:

Most importantly backendurl and frontendurl - to enable communication between elements of portal.

You can also adjust styling for select components such as header or footer.

Sometimes you are not limited to styling options provided- it might be possible to add new ones.



There is also possibility to adjust most important options using process env variables:

process.env.REACT_APP_BACKEND_URL

process.env.REACT_APP_FRONTEND_URL

process.env.REACT_APP_SITE_KEY

Weakes Powrited
 - D ×
 Serville ACT_APP_RAXINELUEL="http://localbont1137"
 SciUsers\dowinik\Desktop\olive-brokerage-frontend> Serville ACT_APP_RAXINELUEL="http://scice_app.serville"

II.5 To enable new user registration, you also need to generate CAPTCHA site key, from https://www.google.com/recaptcha/admin

After adding your domain, update sitekey in src/config.js

You must also add your secret to 'middlewares/validateUser/index.js' in your backend api or using env variable:

process.env.SITE_SECRET (in your backend api process !)

ogle	MCAPICHA		= 0
÷	Settings		
	Label ()		
	RECARTCHA Type: of Tokan		
	De constante en de HUM, code per De constante en	r alfe berves fo allerit. 🔄 iller (fert alle i fegation 00005/10/86/a-m0001/(mmar_t-mbie	
	Use the secret key for correspondence	beforen your site and reCAPTOPA. 🙁 Tax server and image tax	
	De contacerter adeigies	AAA), Jihachinan augusta Austra.	
	Domains		0

II.6 run:

npm run build



II.7 Host the built app (build folder)

Example hosting using serve:

npm install -g serve

serve -s build -l 4000

In above example, port where your app will be available is 4000 - you can adjust it to your needs



II.8 Having your back-end api deployed and front-end served, you should see your app server at the configured port, with example data

Please note, that if you host both apps on localhost, and you would like to test features like user registration, you would need to allow CORS in your browser (e.g. with Chrome plugin).

Charlon a Branner	- 24		- 8.4
+ + C D sendirement			A 9 2 1
	JORS EVENTS TRAINING PROJECTE		ROM IN
Weissen in Cose (Weisparter)			
DIGIFOF	- Canad	Second Contractor	On-formating the Design of Microsoft

Further Questions

in case of problems and for more information contact us at faq@adoxx.org

3 Conclusion

The release of web platform installation files and guide will allow project partners to create their own installations of web-platform which, filled with the regionalized content, will create a communication and interaction hub with the stakeholders.