

Automate boring tasks, save time & learn something new!

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WHAT IS THIS TALK ABOUT?

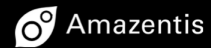
ABOUT EMAKINA

We are user ambassadors & advocates

- Full-service digital native agency putting the end-user first, always.
- Digital transformation specialists
- +800 experts in 23 offices worldwide.
- Services: business strategy & advisory, engaging digital communications, omnichannel business engines and user intelligence.
- Turning user insights into highly effective strategies and delightful digital experiences.



ABOUT EMAKINA'S CLIENTS



And many more...

TIMESHEETING

FUSION

Actions ▾ View ▾														 Detach
Entry Date	Hours		Project Name			Task		PO Reference		Comments				
01 Tue	8 :	0												
02 Wed	8 :	0												
03 Thu	8 :	0												
04 Fri	8 :	0												
05 Sat	0 :	0												
06 Sun	0 :	0												
07 Mon	8 :	0												
08 Tue	8 :	0												
09 Wed	8 :	0												
10 Thu	8 :	0												

JQUERY - LOAD & INIT

```
1 //load in jquery
2 var jq = document.createElement('script');
3 jq.src = "https://ajax.googleapis.com/ajax/libs/jquery/2.1.4/jquery.min.js";
4 document.getElementsByTagName('head')[0].appendChild(jq);
5 jQuery.noConflict();
6 //create array with dates of current month
7 var now = new Date();
8 daysInMonth=new Date(now.getFullYear(), now.getMonth()+1, 0).getDate();
9 //create array of all days in current month
10 var daysOfMonth = [];
11 for (var day = 1; day <= daysInMonth; day++) {
12     var date = new Date(now.getFullYear(),now.getMonth(),day);
13     daysOfMonth.push(date);
14 }
```

JQUERY - FILL OUT

```
1  for(var i=0;i<daysOfMonth.length;i++){
2    var date = daysOfMonth[i];
3    //not working in the weekend :)
4    if(date.getDay()!=0 && date.getDay()!=6 ){
5      jQuery(jQuery('[name$="it1"]')[i]).val(8);//hours
6      jQuery(jQuery('[name*="projectFullNameId"]')[i]).val('OIKOI');
7      jQuery(jQuery('[name*="taskNameId"]')[i]).val('Development');
8      jQuery(jQuery('[name*="fullReferenceId"]')[i]).val(poValue);
9    }
10 }
```

JQL + POWERSHELL

1. Fetch the stories + time spent

```
/rest/api/2/search?jql=worklogAuthor=pdrouill  
AND worklogDate>=startOfMonth()&fields=id,key
```

2. enrich data

3. dump in JSON

PYTHON + SELENIUM

1. read JSON
2. Simulate manual entry

WHAT I'VE LEARNED & SAVED

Refreshed jQuery

Brushed up on Python

Learned Jira QL & Selenium

Lot's of time & frustration

TEMPLATING

ENVIRONMENT VARIABLES

```
1 http 'Authentication: Bearer 123456789...XYZ' http: //www.example.com
2
3 export TOKEN=123456789...XYZ
4 http "Authentication: Bearer $TOKEN" http://www.example.com
```

SCRIPTING - POWERSHELL

```
1 $sql_template = @"
2 insert into `user`
3 (email, password, is_active, created_at, updated_at)
4 values('{0}@emakina.com', sha1('pass'), 1, now(), now() );
5
6 insert into user_credential
7 (user_id,credential,value,created_at,updated_at)
8 values (LAST_INSERT_ID(), '{0}', 1, now(), now());
9 "@
10
11 @('admin','press','super-admin','mice','spot')
12 |%{$sql_template -f $_}
```

POWERSHELL OUTPUT

```
insert into `user`  
(email, password, is_active, created_at, updated_at)  
values ('admin@emakina.com', sha1('pass'), 1, now(), now() );  
  
insert into user_credential  
(user_id, credential, value, created_at, updated_at)  
values (LAST_INSERT_ID(), 'admin', 1, now(), now());  
  
-- all other statements  
  
insert into `user`  
(email, password, is_active, created_at, updated_at)  
values ('spot@emakina.com', sha1('pass'), 1, now(), now() );  
  
insert into user_credential
```

SQL OUTPUT

*<localhost> Script-4

```
SELECT distinct uc.credential as c,  
CONCAT("insert into `user` ( email, password,is_active, created_at, updated_at)  
as command  
from user_credential uc  
UNION  
SELECT distinct uc.credential as c,  
CONCAT("insert into user_credential (user_id, credential,value, created_at, upd  
as command  
from user_credential uc  
order by c;
```

Results 1

SELECT distinct uc.credential as c, CONCAT("insert | Enter a SQL expression to filter results (use Ctrl+Space)

	ABC c	ABC command
1	admin	insert into `user` (email, password,is_active, created_at, updated_at) values('admin@emakina.com', sha1('pass'),1, now(), now());
2	admin	insert into user_credential (user_id, credential,value, created_at, updated_at)values (LAST_INSERT_ID(), 'admin', 1, now(), now());
3	adt	insert into `user` (email, password,is_active, created_at, updated_at) values('adt@emakina.com', sha1('pass'),1, now(), now());
4	adt	insert into user_credential (user_id, credential,value, created_at, updated_at)values (LAST_INSERT_ID(), 'adt', 1, now(), now());
5	editor	insert into user_credential (user_id, credential,value, created_at, updated_at)values (LAST_INSERT_ID(), 'editor', 1, now(), now());
6	editor	insert into `user` (email, password,is_active, created_at, updated_at) values('editor@emakina.com', sha1('pass'),1, now(), now());
7	limit-brussels	insert into `user` (email, password,is_active, created_at, updated_at) values('limit-brussels@emakina.com', sha1('pass'),1, now(), now());

AEM - COMPONENT

```
byline
|-- byline.html
|-- .content.xml
`-- _cq_dialog
    |-- .content.xml
```

COMPONENT XML

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <jcr:root
3     xmlns:sling="http://sling.apache.org/jcr/sling/1.0"
4     xmlns:jcr="http://www.jcp.org/jcr/1.0"
5     jcr:primaryType="cq:Component"
6     jcr:title="Byline"
7     jcr:description="Displays a contributor's byline."
8     componentGroup="WKND.Content"
9     sling:resourceSuperType="core/wcm/components/image/v2/image" />
```

DIALOG XML

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <jcr:root xmlns:sling="http://sling.apache.org/jcr/sling/1.0">
3   <content>
4     <items>
5       <tabs>
6         <items>
7           <properties jcr:title="Properties">
8             <items>
9               <columns>
10                <items>
11                  <column>
12                    <items>
13                      <!-- we made it!! -->
14                      <name fieldLabel="Name"
15                        sling:resourceType="granite/ui/components/coral/
```

YEOMAN



YEOMAN

[Using Yeoman](#)

[Discovering generators](#)

[Creating a generator](#)

[Blog](#)

[Contributing](#)

THE WEB'S
SCAFFOLDING
TOOL FOR
MODERN
WEBAPPS



YEOMAN COMPONENT GENERATION

```
pjd@MacBook-Pro-3:~/tmp
→ tmp yo aem:component
? The name of the component byline /Users/pjd/tmp
? The group the component belongs to wknd.components
  create byline/_cq_dialog/.content.xml
  create byline/byline.html
  create byline/.content.xml
→ tmp
```

WHAT I'VE LEARNED & SAVED

Brushed up on Bash & Powershell

Some exotic MySQL functions

First experience with node.js

Lot's of time & frustration

GIT

POSTING UPDATES

1. fetch version endpoint

```
{  
  "buildNumber": "1.24-SNAPSHOT-r4941",  
  "gitHash": "af127f5"  
}
```

2. git history

```
git log "<githash>..HEAD" --format=format:"%s"
```

3. filter for story ids

4. fetch story description from JIRA

5. pbcopy

EXAMPLE MESSAGE



Pieter-Jan Drouillon 29/06 13:28

Starting deploy to int. Deploy includes:

- * QNTC-4730 - Saudi campaign - Itinerary popup
- * QNTC-4754 - PSG Campaign > Contest form component - front-end
- * QNTC-4894 - There should be * next to the firstname and surname mandatory fields
- * QNTC-4897 - Saudi pop up is dissapeared after form validations
- * QNTC-4902 - Form info should be "campaignpopin" on ACS

WHAT I'VE LEARNED & SAVED

Brushed up on Git command & Powershell

pbcopy

Lot's of time & frustration

WEBSITE DEPLOY

GITHUB PAGES

special repo: `<username>.github.io`

HTML & CSS

HUGO

Static site generator

Content written in markdown

Generates all HTML & CSS

DEPLOY SCRIPT

1. Commit & push changes to hugo repository
2. Run hugo
3. Commit & push changes to <username>.github.io

GITHUB ACTIONS

```
1 name: Build and Deploy
2 on:
3   push:
4     branches: [master]
5
6 jobs:
7   build:
8     runs-on: ubuntu-latest
9     steps:
10      - uses: actions/checkout@v2
11      - name: setup hugo
12        uses: peaceiris/actions-hugo@v2
13        with:
14          hugo-version: '0.75.1'
15      - name: build hugo website
```

RUNS

Workflows

[New workflow](#)

All workflows

 Build and Deploy

Build and Deploy

build-and-deploy.yml

 Filter workflow runs

...

42 workflow runs

Event ▾

Status ▾

Branch ▾

Actor ▾



Update reduce-docker-ps-clutter-with-awk.md

Build and Deploy #42: Commit d4f3e31 pushed by pieterjd

master



last month



27s

...



Create reduce-docker-ps-clutter-with-awk.md

Build and Deploy #41: Commit f3e57e0 pushed by pieterjd

master



last month



31s

...



escape colon in description.

Build and Deploy #40: Commit b08e301 pushed by pieterjd

master



last month



23s

...



fixed weird character.

Build and Deploy #39: Commit aa36dca pushed by pieterjd

master



last month



1m 23s

...



fix date.

Build and Deploy #38: Commit d907c50 pushed by pieterjd

master



last month



21s

...



add devoxx.pl 2021 talk

Build and Deploy #37: Commit 3baac97 pushed by pieterjd

master



last month



20s

...



Rename deploy-summary.md to summarize-latest-c...

Build and Deploy #36: Commit 6652fd4 pushed by pieterjd

master



2 months ago



27s

...

WEBSITE COMMITS

Commits on Jul 8, 2021

Update reduce-docker-ps-clutter-with-awk.md ...

 github-actions committed on 8 Jul ✓



f47bfd8



Create reduce-docker-ps-clutter-with-awk.md 🚀

 github-actions committed on 8 Jul ✓



4447dba



Commits on Jul 3, 2021

escape colon in description. 🚀

 github-actions committed on 3 Jul ✓



b20a8cf



Commits on Jun 28, 2021

Rename deploy-summary.md to summarize-latest-changes-in-your-codebase... ...

 github-actions committed on 28 Jun ✓



5fb8066



Update deploy-summary.md ...

 github-actions committed on 28 Jun ✓



7d68822



Rename deploy-summary to deploy-summary.md 🚀

 github-actions committed on 28 Jun ✓



9875c58



Add deploy summary blogpost 🚀

 github-actions committed on 28 Jun ✓



4e77c03



Commits on Apr 16, 2021

Update 2019-04-08-streams-part3-conclusion.md ...



fd67197



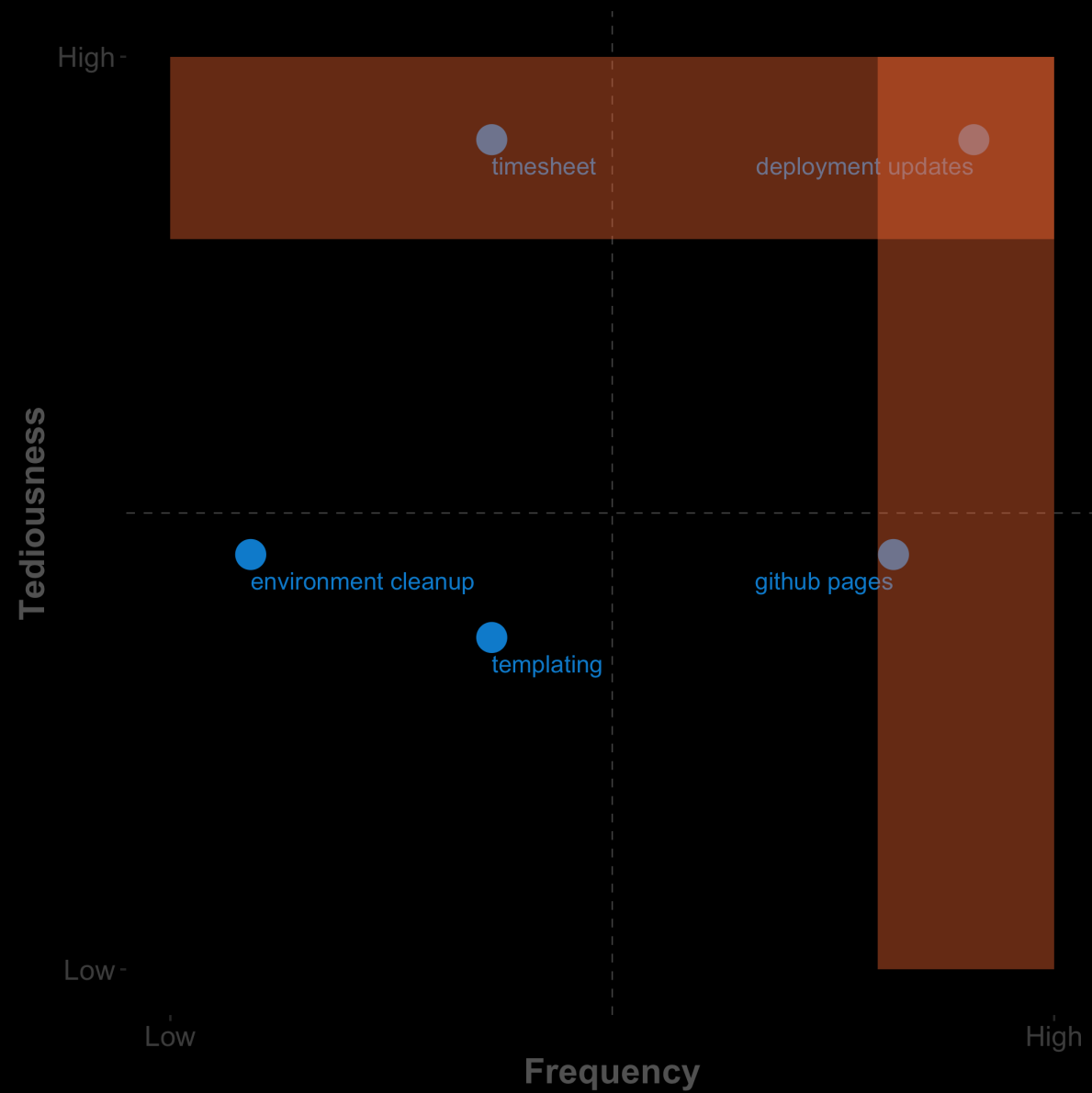
WHAT I'VE LEARNED & SAVED

Bash scripting

Github Actions

Lot's of time & frustration

CONCLUSION



TECHNICAL DETAILS



www.pieterjd.be