1. In twig, what do you use if you want to optimize the size of the generated HTML content?

a. spaceless

b. gzip

c. operators

the spaceless tag

answer is b

really ?

twig supports gzip ?

don't look up

let's go to the next one

alright great

This tag is not meant to "optimize" the size of the generated HTML content but merely to avoid extra whitespace between HTML tags to avoid browser rendering quirks under some circumstances.

Ah cool.

i thought gzip was on the response level

okay

2. In Twig, which other Twig function works as the old raw tag, for when you want to display code and not be parsed?

a. spaceless

b. raw2

c. escape with some special parameters

d. noparse

e. verbatim

f. raw tag

hmm

e ?

you mean a function that works the same as the old raw tag right ?

but verbatim is a tag, not a function...

yeah a tag

ok correct

next

okay

3. In Twig, the batch function:

a. is used to fill strings with random characters in a batch

b. renders a vector out of an element value given

c. is used to parse a string and output the string characters in an for loop

d. returns a list of lists with a given number of items out of the set

d

:)

ok 4

is it all about twig ?

twig is a big component

on the test

okay

you should be thankful i am stressing twig now

(Y)

4. In Twig, when compiling a node tree how can you change the default compiler on your $twig object

free answer

i don't think that answer

i don't know\*

$twig->setCompiler($compiler)

:)

Ah so easy

never used twig as an independant component

always used it as a service

so far

alright

5. In Twig which loader can you use to load templates from a database and the filesystem simultaneously?

a. I can implement Twig\_LoaderInterface, Twig\_ExistsLoaderInterface into a combined loader and load everything at once

b. I can implement DatabaseTwigLoader extending Twig\_LoaderInterface and Twig\_ExistsLoaderInterface

and load templates using TwigMainLoader

c. I can do as b but use the Twig\_Loader\_Chain to chain loaders

and set it to the Context

d. I can do as c but rather than setting the loaders into Context I initialize Twig\_Environment with the chain loader

e. is not currently possible but there is a PR for that

d?

:)

correct

awesome

i didn't know this one

but assumed it would work like the chain router

from cmf

6. in Twig, name which one is not a method of the Twig\_Filter class:

a. needsLoader()

b. needsEnvironment()

c. needsContext()

d. getSafe() and getPreEscape()

e. b and d

a

correct

a filter only needs the string and context

doesn't need to know where the template came from

or was loaded from

:)

7. In Twig, a visitor priority varies between:

a. -255 to 255

b. -70 to 70

c. 0 - 40

d. -10 to 10

e. it is fixed

d

8. In Twig, all these classes Escaper, Optimizer, SafeAnalysis, Sandbox share common methods :

a. setArguments, getArguments

b. isValid()

c. setPriority(), getPriority()

d. a combination of a and c

e. none of the above

d?

not sure

incorrect

e.

those classes are Visitors

hmm okay, so no common methods like that

they all implement enterNode and leaveNode

and getPriority

because they are visitors

i see

even safeanalysis

is a visitor ?

yeah

oh okay

9. In Twig this statement is valid:

a. first and last functions work in the same way as the random filter

b. first and last functions are great to extract the first and the last element of an array

c. random filter when used without arguments is like mt\_rand

d. random function when passed a string splits the string and outputs a single character

e. when random function receives a number it treats it as the top value of the random series it outputs

a is invalid

all others are valid

no

ah wait wait

hah

c

ci si valid

because all others say function

while they are filters

not functions

stop, you had your chance

wait

ah no wait

a. first and last functions work in the same way as the random filter

first and last are filters

yes you're right

random() is a function

they work similarly to random however random is a function and it outputs random values out of an array or such

b. first and last functions are great to extract the first and the last element of an array

but how do they work similarly ?

they are not functions

c. random filter when used without arguments is like mt\_rand

random is a function, but it does work like mt\_rand

d. random function when passed a string splits the string and outputs a single character

correct

e. when random function receives a number it treats it as the top value of the random series it outputs

correct

d and e

so this was a trick question

must pay attention to all choices before making up my mind

correct

this test is very similar to the real one

(Y)

10. in Twig, suppose you have an object person

a. If person has a property address-main, I can access it with person.getAddressMain()

b. If person has a property address\_main, I better access it with person.['address\_main']

c. a and b are possible

d. I have to create a special getter for accessing the property above

e. no, the [] operand works in any situation

f. get\_attribute(person, 'address-main') does it

g. none of the above, Twig comes with a special function for this

i think its a

but it could be c

but i think its a

When the attribute contains special characters (like - that would be interpreted as the minus operator), use the attribute function instead to access the variable attribute.

{# equivalent to the non-working foo.data-foo #}

{{ attribute(foo, 'data-foo') }}

oh

because it's - instead of \_ in a

i see now

so you can't do person.address-main

cause that's like person.address - main

?

correct

so is it g

none of the above ?

right

11. In Twig, what is the correct order:

For convenience sake foo.bar does the following things on the PHP layer:

https://gist.github.com/cordoval/e8a98fe50481dcdace25

a

b

c

or d?

c

?

or b

hmm

correct

c

okay so my reasoning is correct

12. In Twig:

a. you can chain filters with filters and functions with functions but not mix them

b. you can chain anything

c. you can access global vars only provided by Symfony on TwigBundle

d. there is only three global vars that come by default \_self, \_superglobals, \_charset

d is incorrect

and b is incorrect

hmmm

so a or c

e. if you want to use the c twig extension you have to change only a thing in your composer.json

f. Twig is not anymore on PEAR

ah

should i choose 1 answer ?

or many ?

g. Twig version 1.12.2 onwards are secure

h. Twig 1.13 has a buggy C extension

a. you can chain filters with filters and functions with functions but not mix them

you can so it is false

you can chain filters with functions ?

how do you chain functions? i never saw that

only filters

have an example ?

date()|date

yes but that's not chaining functions

that's chaining a filter after a function

but you can't do

date()|something()|else()

can you ?

date(random())

okay so that's considered chaining

alright

b. you can chain anything seems to be correct

c. you can access global vars only provided by Symfony on TwigBundle

is incorrect

d. there is only three global vars that come by default \_self, \_superglobals, \_charset

it is not \_superglobals but \_context

e. if you want to use the c twig extension you have to change only a thing in your composer.json

is a php extension so it is not installable with composer.json

f. Twig is not anymore on PEAR

is true

g. Twig version 1.12.2 onwards are secure

is false

1.12.3 have serious security issues

http://pear.twig-project.org/

h. Twig 1.13 has a buggy C extension

is correct

it was very buggy

crashed the C extension

a lot

let me remind you you can't access the internet

yes i know, i just checked that now

cause i was sure i saw it the other day

on pear

well it is discontinued

it will not happen anymore

alright

enough with Twig

that was intense

that's exactly the type of question at the exam

right ?

you shall see it yourself when you take it

13. In Symfony:

1. Symfony\Bundle\SecurityBundle\Security\FirewallContext services are publicly created that correspond to each context you create under your security.yml, a context is called an authenticator

2. Symfony\Bundle\SecurityBundle\Security\FirewallContext services are privately created that correspond to each context you create under your security.yml, a context is also known as per each firewall

3. Symfony\Bundle\SecurityBundle\Security\FirewallContext services are synthetically created that correspond to each context you create under your security.yml, each context is liked to an authenticator

4. Symfony\Bundle\SecurityBundle\Security\FirewallContext services are publicly created that correspond to each context you create under your security.yml, a context is related to each FirewallContext directly but is overall handled by a generic Symfony\Bundle\SecurityBundle\Security\Firewall object

4

:)

;)

14. Metadata\Driver\DriverChain is a class:

a. that comes within FrameworkBundle

b. that comes with the FrameworkExtraBundle

c. It is not found in the Symfony Standard Edition

d. It is a class with license issues

e. It is deprecated but it is in Symfony core

not a and not b

i don't think e

so c or d

d is correct

c is not correct

it is the meta-data library from johaness

license problems because of generic naming ?

no because it is \* http://www.apache.org/licenses/LICENSE-2.0

not compatible with symfony's license

ok

15. In Symfony:

a. SecureRandom class at the heart of security component has only one public nextBytes method

b. RoleHierarchy also at the heart of security component implements RoleHierarchyInterface which obliges this class to implement buildRoleMap

c. There are only two classes named ResponseListener in the whole of Symofony and they implement EventSubscriberInterface

d. There is a ResponseListener under RememberMe feature and this acts by setting a cookie on every response the app sends back to the user

e. About the other ResponseListener found under HttpKernel complaint with RFC 2616 means most importantly that it ensures certain dimensions on header length are kept

f. in Symfony Symfony\Component\Security\Core\Encoder\EncoderFactory getEncoder does create an encoder everytime for security reasons

should i comment on each

or choose one correct ?

say which ones are true

say you don't know if you don't

or skip

so i can explain

okay

1)don't know

b)true

c)false

d)false

e)true

f)true

a is true

b is false

that gerRole is private , the interface method is getReachableRoles

c is true

d is false because it does that but not on every response

only when it detects the remember attribute on the request

yes casues its a cookie

it can last

e is false

it ensures it contains certain headers

so more than just checking lengths which i think is a made up

yes RFC2616 is much more than that

oh wow already 2 hours

no wonder the exam is 3 or 4

16. in Symfony:

a. GetSetMethodNormalizer is broken by design

b. one can load normalizers and/or encoders by tagging them as serializer.normalizer and serializer.encoder respectiv ely true makes the serializer available in the container and loads 3 encoders and 1 default normalizer

d. JsonEncoder and XmlEncoder implement both EncoderInterface and DecoderInterface

e. NormalizerInterface has methods normalize and supportsNormalization

f. DenormalizerInterface has methods denormalize and supportsDenormalization but their methods have less arguments than the normalizer

a)don't know

b)true)

c)don't know

d)true

e)false

f)don't know

g. going from object to array is called normalizing, and from an array to JSON is called decoding

g)false

a is true

The GetSetMethodNormalizer is broken by design. As soon as you have a circular object graph, an infinite loop is created when calling the getters. You're encouraged to add your own normalizers that fit your use-case.

oops that's true

b is true

c is false, it does but it is only 2 encoders and no normalizers

d is true

e is true

f is false, is the other way, the denormalizer method needs more arguments

g is false

think it as this

Object is high in hierarchy

then comes an array

then a json string

so going up means industry

we normalize from array to object

and we encode from json string to array

(Y)

we serialize because channels don't support objects

so that is lower rank

deserialization goes up in the chain until object

is reached

then we move them back up to objects

right

with normalization

yes

from array to object

yes

once json is decoded to array

yes

think enygma

json is the papers with the letters

object is the meaning

array is in the process of decrypting

we decode the letters

and normalize the arrays to get the idea

(Y)

we denormalize an idea into an array and then encode it into a secret paper with letters

alright

next

17. in Symfony:

a. you can inject a container parameter into a ContainerAware Command

b. Descriptors are objects to render documentation on Symfony Console Apps

c. Symfony Console component needs the PHP globals internally to work

d. Symfony natively supports multiple file uploading by default

e. you can only import strings with the IniFileLoader from a .ini file

a)false. you can't but you can retrieve it from $this->container

b)true

c)false

d)true

e)true

d is false

is not by default

oh i see

how do you enable it ?

'multiple' => true

on your form type field options

yes but it supports it by default

you just need to enable it

d. Symfony natively supports multiple file uploading by default

multiple is false by default

18. In Symfony:

a. There is a lesser known templating component with which you can build your own templating system not php and not twig

b. This component is heavily used by Twig

c. Symfony has 27 components to this date

d. Syfmony Translator component follows the same architecture for loaders than Twig does

a)false

b)false

c)true)

d)false

a is true

b is true in Symfony

c is true

d is true $translator->addLoader('array', new ArrayLoader());

oh

what's that templating component

?

/Users/cordoval/Sites/project/vendor/symfony/symfony/src/Symfony/Component/Templating

ahh i didn't understand the question

of course you can build your own with the component

i thought there was already another templating engine

other than twig and php implemented

alright

19. in Symfony:

a. There is a component that is only 6 classes, has no folder structure and is very simple. That is the Yaml component.

b. There is a component that is only 10 classes, has no folder structure and is very simple. That is the Yaml component

c. The Dispatcher component is only 8 classes and the latest version passes also the dispatcher and the name of the event to the listener

d. In Symfony, all the instances of the event\_dispatcher are container aware by default unless you register a new event\_dispatcher that does inject your services

e. src/Symfony/Bundle/FrameworkBundle/Resources/config shows xml configuration for each service how the FrameworkBundle hooks special services of Symfony, it is also in charge to set the environment services, for instance test.client

a)true

b)false

3)true

d)false

a is false

b is true

e)true

c is true

d is true

e is true

event dispatcher is container aware ?

:)

Symfony is not the best framework sometimes between us :)

heh

it still works

alright

for some our use cases yeah

so yaml component has 10 classes ?

that's too big

6 plus 4 exception classes

20.

this part is the practical one

alright

should be better

paste here a gist with a subscriber implementation of what you remember of a subscriber doing the following

a. taking the response from the event and setting a cookie

b. write a twig filter and use a global twig parameter into that filter

c. use an annotation in an action with the ParameterConverter correctly

all those 3 are snippets

all those inside 1 subscriber ?

no

those are separate snippets

you cannot look up anything

send me the gists please

you have 5 minutes only

like this

...

?

yeah

send it quick 3 minutes

when we write a twig filter

we must implement it as part of a class

a twig extension

you want me to write the extension

?

you want me to implement a custom twig filter or simply use an existing one within a template ?

yeah, the extension

ah sorry

should be it

ok that is half a point

ok

we are done

okay

why half a point ?

because it was ok but not perfect

what are mistakes

i see

extending classes

oh twig extension

and also tags, namespaces, and also configuration directives

forgot to extend

and usage