

# apigility set default value for the date field

Asked 3 years, 7 months ago

Active 3 years, 7 months ago

Viewed 381 times

0

★

id integer,  
name **string**,  
createdAt datetime,  
updatedAt timestamp,

I try to create the simple api using apigility to save some data. I have the table structure as below. Using apigility admin ui, I created the Resetful post service for below entity. createdAt field is optional but I want make sure the field should filed by current datetime when it's blank in request. Can someone give procedure to do it.

Here is how admin field setup looks.

I also like to know how to set the validators to allow user to enter the createdAt as "Y-m-d H:i:s" format. can you guide me please

General Settings

Database Settings

Content Negotiation

Fields

Authorization

Documentation

Source code

Fields

New field

Name	Required	Validator	Filter	Action
Name		<div>+</div> Zend\Validator\StringLength,	<div>+</div> Zend\Filter\StringTrim, Zend\Filter\StripTags,	<div>edit</div> <div>delete</div>
createdAt		<div>+</div> No validators	<div>+</div> No filters	<div>edit</div> <div>delete</div>
updatedAt		<div>+</div> No validators	<div>+</div> No filters	<div>edit</div> <div>delete</div>

php


zend-framework2

apigility

Edit tags

edited Jan 11 '16 at 13:57

asked Jan 8 '16 at 14:14



Gowri

9,600

24

85

148

## 1 Answer

1

✓

There are a number of ways you could go about doing this:

1) Make the default to some date or date function in your persistence layer (as in make it default to now() or something in your database).

2) In your resource's create, update, patch, etc, check if the field has been passed in. If not, create a default timestamp to inject. You could also do it further down in your dependency layers, like in your service, mapper, or other resource dependency, where ever it makes sense.

3) Create something like a `NullToDefaultDate` filter. It will run on your null field and change the null to the default date you provide before it gets into your apigility code. Be sure you're either getting the filtered values from the injected `InputFilter` through `$this->getInputFilter()->getValues()`; or similar or you have set up `use_raw_data = false` in your `module.config.php` in the `zf-content-validation` section.

```
'zf-content-validation' => array(
    'YourNamespace\\V1\\Rest\\YourServiceName\\Controller' => array(
        'input_filter' => 'YourNamespace\\V1\\Rest\\YourServiceName\\Validator',
        'use_raw_data' => false,
        'allows_only_fields_in_filter' => true,
    )
)
```

If you put in just `'use_raw_data' => false`, you'll get the filtered values for the fields you've defined in Apigility, but you'll also get unfiltered additional "garbage" fields that you've not told Apigility about at all. If you don't want those, you can enable `allows_only_fields_in_filter` which will only give you back fields you've defined, but now your API return an `ApiProblem` error when a field that was not in the list is passed in. Using `$data = $this->getInputFilter()->getValues()` in your methods will give you back just the fields you've defined and it will give you the filtered values as well.

For the second part of your question, you want to use the `Zend\Validator\\Date` validator and add a format option of `'Y-m-d H:i:s'`.

## Add validator for field

### Validator

Zend\\Validator\\Date


#### Option

format

Add option

#### Value

Y-m-d H:i:s

Option	Value	Action
format	Y-m-d H:i:s	 delete

Close

Save

Be sure to click Add Option before save or it won't keep it.

Hope this helps.

answered Jan 12 '16 at 7:52



David Stockton

2,186

1

13

19

▲ I don't see any service, mapper files in side my module. I don't see this NullToDefaultDate filter also not available. can you be brief on it – [Gowri](#) Jan 12 '16 at 9:30

▲ @Gowri NullToDefaultDate filter would be a filter you would need to create. The service, mapper, etc are intended to stand in place of whatever dependencies you've injected in your resource in order to make your API do what it needs to do. If you're doing all the work in the method in the resource, then that's where the changes would go. – [David Stockton](#) Jan 13 '16 at 1:44

▲ I created NullToDefaultDate filter that fixed my problem. I have many questions about apigility. where can I set quick help. – [Gowri](#) Jan 20 '16 at 12:18

Got a question that you can't ask on public Stack Overflow? [Learn more](#) about sharing private information with Stack Overflow for Teams.

