Apigility rest service - how to filter by a non unique column using db connected

Asked 4 years, 10 months ago   Active 4 years, 10 months ago   Viewed 1k times

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I have a db-connected `rest` service, and I only managed to so far get the full collection from the `database` or a single entity by its `ID`.

I can't find a proper guide to explain how to use the `GET` url parameters to filter by other fields, and how do I choose for example whether its "LIKE" or LIKE %%" or other operators for that matter.

php   rest   zend-framework2   apigility   Edit tags

edited Oct 26 '14 at 10:58   asked Oct 26 '14 at 10:52

Dalai Lama
324   2   19

1 Answer

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This is my experience with CodeConnected Services. YMMV..

Retrieving URL Parameters - Controller/Resource class.

Your controller needs to retrieve them from the `$this->getEvent()`

```
/**
 * Fetch a single Entity by ID, with some Query Params
 */
public function fetch($entity_id)
{
    // retrieve the query parameters\
    $queryParams = $this->getEvent()->getQueryParams();
}
```

Secondly , only parameters approved on your module.config.php will make it past the validator/filter part of Apigility. Notice Collection Query Whitelist

`module.config.php` inside your service's module folder

```
'ServiceName\\V1\\Rest\\ServiceName\\Controller' => array(
        ...
        'entity_http_methods' => array(
            0 => 'GET',
            1 => 'PATCH',
            2 => 'PUT',
            3 => 'DELETE',
        ),
        'collection_http_methods' => array(
            0 => 'GET',
            1 => 'POST',
        ),
```

```
'collection_query_whitelist' => array(
    0 => 'username',
    1 => 'entity_provider',
    2 => 'entity_type',
    3 => 'entity_date_range',
    4 => 'sort_by',
    5 => 'sort_order'
),
...
```

answered Oct 27 '14 at 17:33

Erik
1,142   1   17   40

Testing it, let me get back to you on that –   Dalai Lama   Oct 29 '14 at 9:48

@DalaiLama any luck? – Erik Nov 20 '14 at 23:50

Oh yes, I actually found out that Apigility editor lets you whitelist these parameters through its editor. Once I whitelist a param it does exactly what you wrote over here. Then again I wanted to do it in a db-connected and not in a code connected... and even though I did move to code connected it still does not really answer the question does it? Ill mark it anyway. –   Dalai Lama   Nov 23 '14 at 9:21

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sorry I can't help with DB-Connected, I rarely (never, except in a tutorial) use them. – Erik Nov 25 '14 at 19:47

Don't be! You still helped me in a way to aim me towards what I need. –   Dalai Lama   Nov 26 '14 at 8:06

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