

Welcome to ERP API DOC

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ID	Asset Id	Brand	Name	Price	RAM Type	RAM Size
1	1	Dell	X1203	2330	DDR2	8
2	122	Hp	Z122	5420	DDR2	16
3	112	Lenovo	360	2212	DDR2	8
4	1123	Dell	Pro	990	DDR2	32

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ERP API Documentation

Get asset list

```
$ curl -v -X GET {URL:port}/api/erp
```

Get specific asset with ID

```
$ curl -v -X GET {URL:port}/api/erp/{id}
```

Create asset (POST)

```
$ curl -d "asset_id=1234&brand=Dell&name=X1203&price=500&ram_type=DDR2&ram_size=8" -v -X POST {URL:port}/api/erp
```

Delete asset (DELETE)

```
$ curl -v -X DELETE {URL:port}/api/erp/{id}
```

Configuration / Installation:

1. Place the folder in Htdocs of Apache server.
2. Place Vhost:

```
<VirtualHost *:9092>
    ServerName api.application.local
    ServerAdmin shankey.kedia@gmail.com

    ## Vhost docroot
    DocumentRoot "PATH_TILL_HTDOS/ZF3/public"
    <Directory "PATH_TILL_HTDOS/ZF3/public">
        DirectoryIndex index.php
        AllowOverride All
        Order allow,deny
        Allow from all
        <IfModule mod_authz_core.c>
            Require all granted
        </IfModule>
    </Directory>
    ## Custom fragment
    AddType application/x-httpd-php .php
</VirtualHost>
```

3. FILE PATH : ZF3\module\Application\config\module.config.php

Configure base_path in the mentioned file

```
'base_path' => 'http://localhost:9092',
```

4. FILE PATH : ZF3\config/autoload/global.php

Configure Database Connection in the mentioned file

```
'params' => [ 'host' => 'localhost', 'port' => '3306', 'user' => 'root', 'password' => 'vagrant', 'dbname' => 'test', 'driverOptions' => [
    1002 => 'SET NAMES utf8' ]
```

MySQL Database Schema & sample data:

```
CREATE TABLE `erp_data` (
  `id` INT(11) NOT NULL AUTO_INCREMENT,
```

```
`asset_id` MEDIUMINT(9) NULL DEFAULT NULL,  
`brand` VARCHAR(99) NULL DEFAULT NULL,  
`name` VARCHAR(99) NULL DEFAULT NULL,  
`price` FLOAT NULL DEFAULT '0',  
`ram_type` VARCHAR(50) NULL DEFAULT '0',  
`ram_size` INT(11) NULL DEFAULT '0',  
PRIMARY KEY (`id`)  
);
```

```
INSERT INTO `erp_data` (`id`, `asset_id`, `brand`, `name`, `price`, `ram_type`, `ram_size`) VALUES (1, 1, 'Dell', 'X1203', 2330.02, 'DDR2', 8);  
INSERT INTO `erp_data` (`id`, `asset_id`, `brand`, `name`, `price`, `ram_type`, `ram_size`) VALUES (2, 122, 'Hp', 'Z122', 5420, 'DDR2', 16);  
INSERT INTO `erp_data` (`id`, `asset_id`, `brand`, `name`, `price`, `ram_type`, `ram_size`) VALUES (3, 112, 'Lenovo', '360', 2212, 'DDR2', 8);  
INSERT INTO `erp_data` (`id`, `asset_id`, `brand`, `name`, `price`, `ram_type`, `ram_size`) VALUES (4, 1123, 'Dell', 'Pro', 990, 'DDR2', 32);
```

Note:

- API Key used are:
 - asset_id
 - brand
 - name
 - price
 - ram_type
 - ram_size
- Please have a note on the API methods (GET, POST, DELETE).
- Id is the table index ID not the asset ID. Asset ID is different.
- Asset ID is unique.
- Price should be greater than 0.
- Keys provided are mandatory.
- For the sake of Keeping application minimal Authentication Token is not implemented.
- Added filter within framework to involve soft validation.
- For sake of easyness POSTMAN application can be used for CURL.