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# Fulfillment Example



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This example demonstrates a script that will retrieve all requests in the status pending and process them based on their type (purchase, change, cancel, suspend or resume)

```
<?php
```

```
require_once "vendor/autoload.php";
```

```
class ProductRequests extends \Connect\FulfillmentAutomation
{
```

```
    public function processRequest($request)
    {
```

```
        $this->logger->info("Processing Request: " . $request->id . " for asset: " . $request->asset->id);
        switch ($request->type) {
```

```
            case "purchase":
```

```
                //Get value of a parameter with id "email"
```

```
                $email = $request->asset->getParameterByID('email');
```

```
                if($email->value == ""){
```

```
                    throw new \Connect\Inquire(array(
```

```
                        $request->asset->params['email']->error("Email address has not been provided,
```

```
please provide one")
```

```
                    ));
```

```
                }
```

```
                //Get value for a concrete item using MPN
```

```
                $itemX = $request->asset->getItemByMPN('itemX');
```

```
                foreach ($request->asset->items as $item) {
```

```
                    if ($item->quantity > 1000000) {
```

```
                        $this->logger->info("Is Not possible to purchase product " . $item->id . " more
than 1000000 time, requested: " . $item->quantity);
```

```
                        throw new \Connect\Fail("Is Not possible to purchase product " . $item->id . "
```

```
more than 1000000 time, requested: " . $item->quantity);
```

```
                    }
```

```
                else {
```

```
                    //Do some provisioning operation
```

```
                    //Update the parameters to store data
```

```
                    $paramsUpdate[] = new \Connect\Param('ActivationKey', 'somevalue');
```

```
                    $request->requestProcessor->fulfillment->updateParameters($request,
```

```
$paramsUpdate);
```

```
                    //Potential actions to be done with a request:
```

```
                    // Set a parameter that requires changes and move request to inquire
```

```
                    if($requiresChanges){
```

```
                        throw new \Connect\Inquire([
```

```
                            new \Connect\Param([
```

```
                                "id" => "email",
```

```
                                "value_error" => "Invalid email"
```

```
                            ])
```



```
        });
    }
    //Fail request
    throw new \Connect\Fail("Request Can't be processed");
    //Approve a template
    //We may use a template defined on vendor portal as activation response, this will
be what customer sees on panel
    return new \Connect\ActivationTemplateResponse("TL-497-535-242");
    // We may use arbitrary output to be returned as approval, this will be seen on
customer panel. Please see that output must be in markup format
    return new \Connect\ActivationTileResponse('\n# Welcome to Fallball!\n\nYes, you
decided to have an account in our amazing service!\n\n');
    // If we return empty, is approved with default message
    return;
}
}
case "cancel":
    //Handle cancellation request
case "change":
    //Handle change request
    //get added items:
    $newItems = $request->getNewItems();
    // get removed items:
    $removed = $request->getRemovedItems();
    // Get changed items, in other words the ones that quantity has been modified
    $changed = $request->getChangedItems();
default:
    throw new \Connect\Fail("Operation not supported:".$request->type);
}
}

public function processTierConfigRequest($tierConfigRequest){
    //This method allows processing Tier Requests, in same manner as simple requests.
    // Is required to be implemented since v15
}
}

//Main Code Block

try {
    //In case Config is not passed into constructor, configuration from config.json is used
    $requests = new ProductRequests(new \Connect\Config([
        'apiKey' => 'Key_Available_in_ui',
        'apiEndpoint' => 'https://api.connect.cloud.im/public/v1',
        'products' => 'CN-631-322-641' #Optional value
    ]));
}
```



```
$requests->process();  
} catch (Exception $e) {  
    print "Error processing requests:" . $e->getMessage();  
}
```