

WarehouseCalloutService.apxc:

```
public with sharing class WarehouseCalloutService implements
Queueable {

    private static final String WAREHOUSE_URL = 'https://th-superbadge-
apex.herokuapp.com/equipment';

    @future(callout=true)
    public static void runWarehouseEquipmentSync(){
        Http http = new Http();
        HttpRequest request = new HttpRequest();
        request.setEndpoint(WAREHOUSE_URL);

        request.setMethod('GET');
        HttpResponse response = http.send(request);
        List<Product2> warehouseEq = new List<Product2>();
        if (response.getStatusCode() == 200){
            List<Object> jsonResponse =
            (List<Object>)JSON.deserializeUntyped(response.getBody());
            System.debug(response.getBody());
            for (Object eq : jsonResponse){
                Map<String,Object> mapJson = (Map<String,Object>)eq;
                Product2 myEq = new Product2();
                myEq.Replacement_Part__c = (Boolean)

                mapJson.get('replacement');

                myEq.Name = (String) mapJson.get('name');
                myEq.Maintenance_Cycle__c = (Integer)

                mapJson.get('maintenanceperiod');

                myEq.Lifespan_Months__c = (Integer) mapJson.get('lifespan');
                myEq.Cost__c = (Integer) mapJson.get('cost');
                myEq.Warehouse_SKU__c = (String) mapJson.get('sku');
                myEq.Current_Inventory__c = (Double) mapJson.get('quantity');
                myEq.ProductCode = (String) mapJson.get('_id');
                warehouseEq.add(myEq);
            }
            if (warehouseEq.size() > 0){
                upsert warehouseEq;
                System.debug('Your equipment was synced with the warehouse

                one');
            }
        }
    }
}
```

```
}  
}  
public static void execute (QueueableContext context){  
runWarehouseEquipmentSync();  
}  
}
```

//Execute window code:

```
System.enqueueJob(new WarehouseCalloutService());
```