

# ***IBM Connections Customizer***

## **Episode 1**

- ❯ Introductions
- ❯ IBM Connections Customizer – What, Why and How !
- ❯ Say Hello to IBM Connections Application Registry
- ❯ Customizer101 Demo
- ❯ Technical Summary
- ❯ Next Steps

# Presenter



*Martin Donnelly – IBM Ireland  
Software Architect – ICS App Dev*

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# WHAT IS IT ?

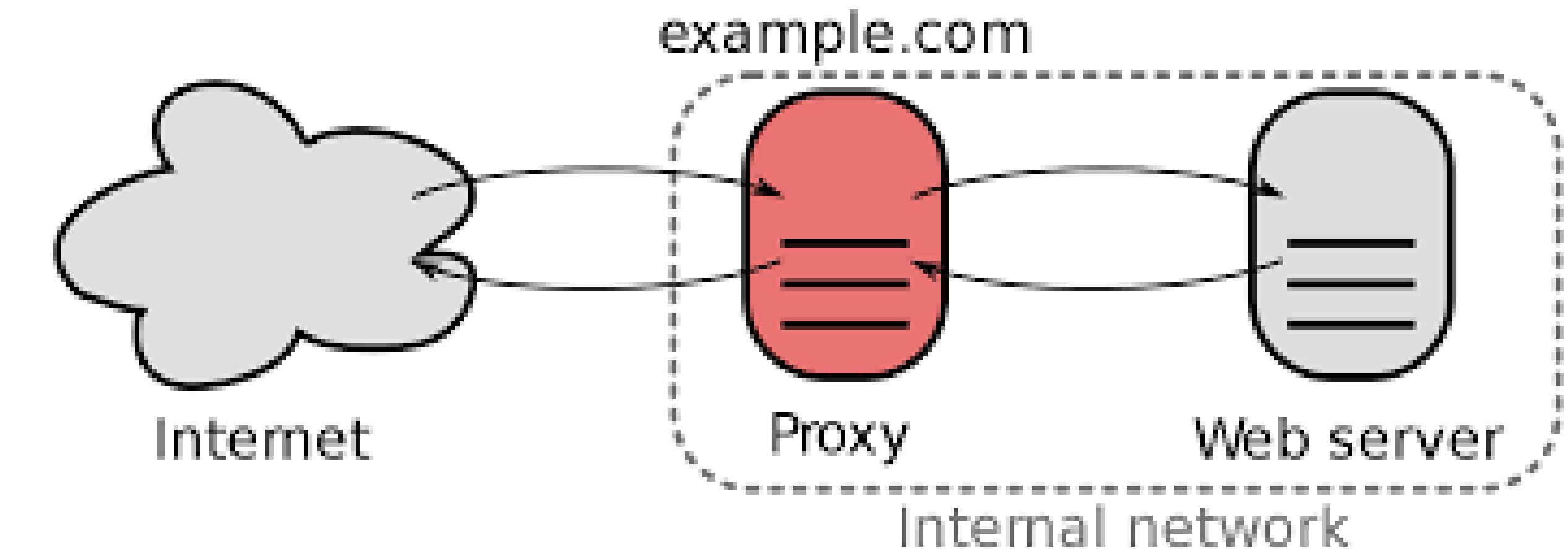
## IBM Connections Customizer

- .... formerly known as Muse
- *a means of customizing the IBM Connections User eXperience*
- *an intelligent server that acts as an intermediary between and endpoint device and another server from which a user is requesting a service - a proxy*

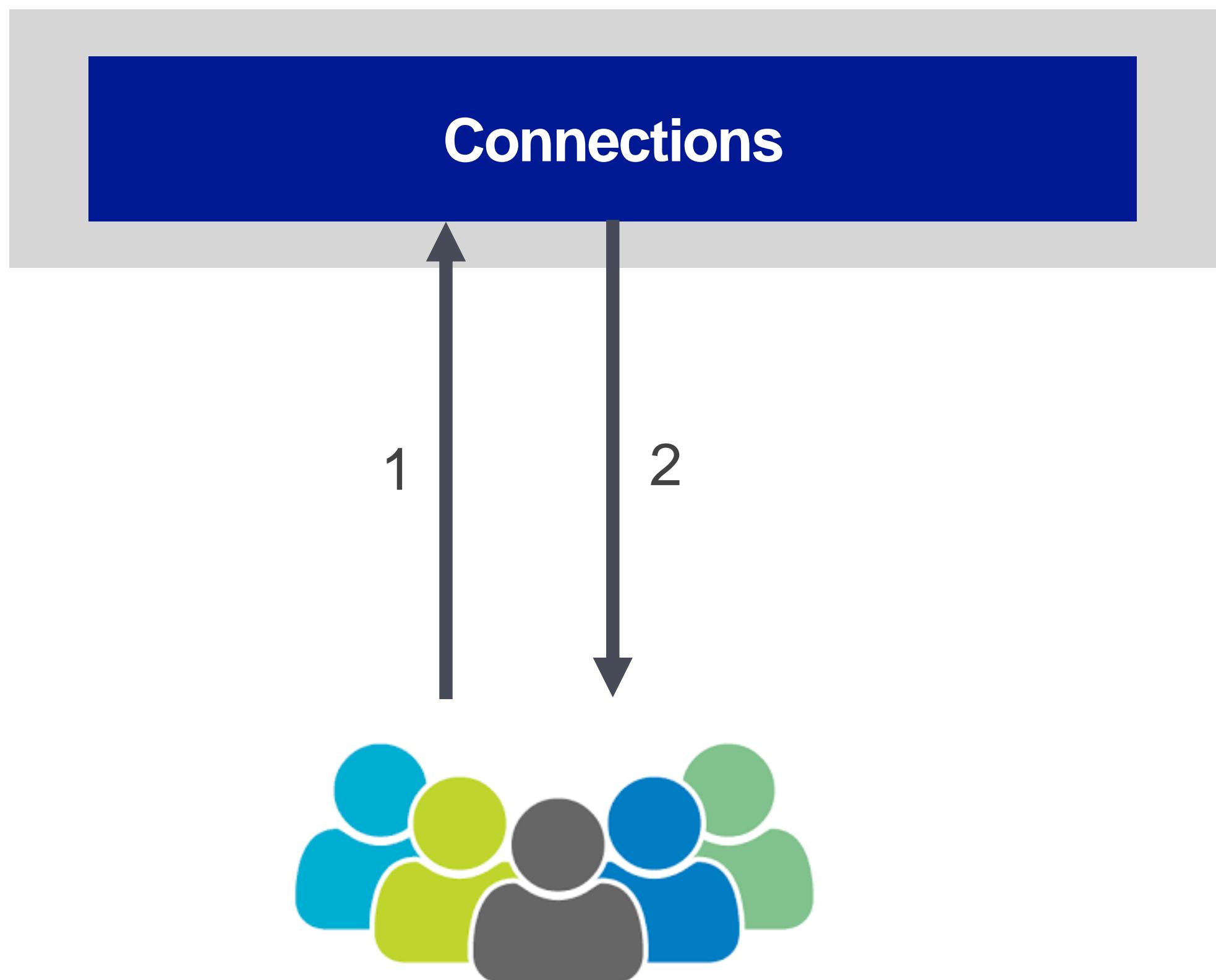


# IBM CONNECTIONS CUSTOMIZER

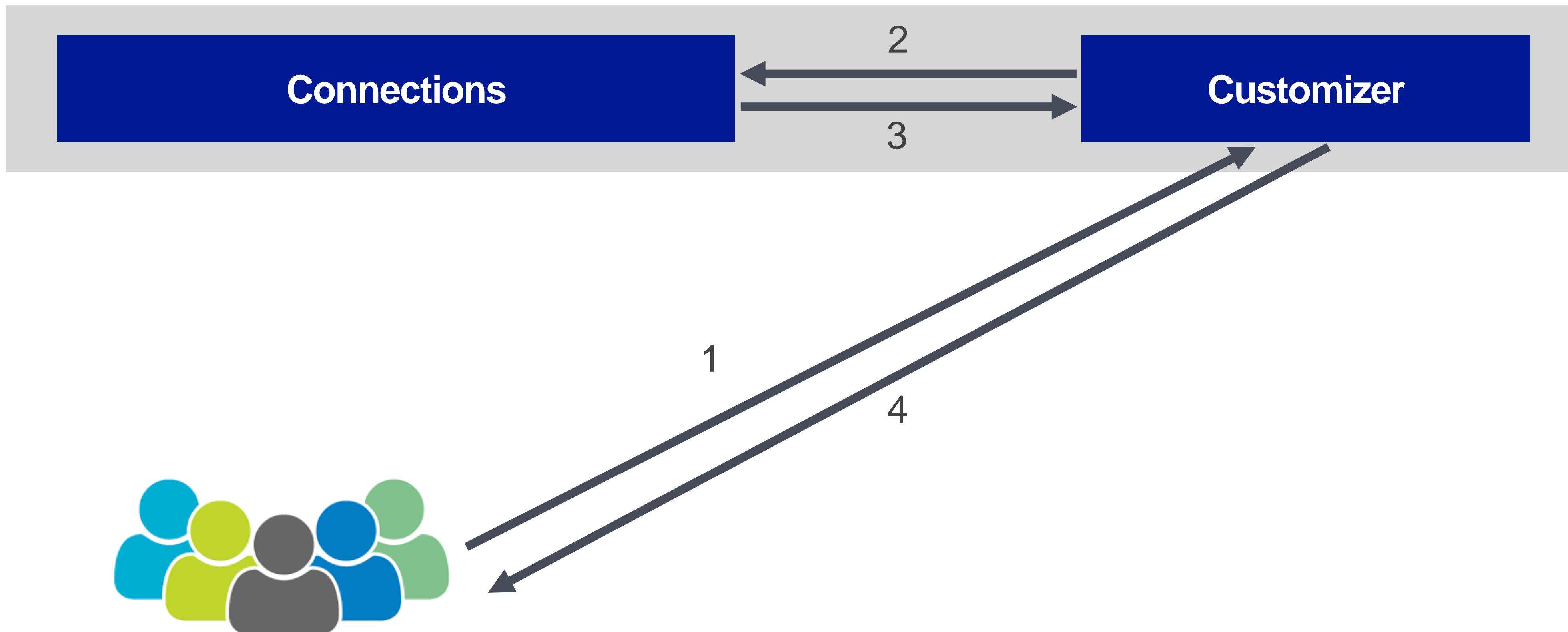
- Given where it sits between the request and response it can:
  - change behavior of the service its sitting in front of...
  - rewrite requests
  - rewrite responses
  - inject custom items
  - do predictive caching
  - do **pretty much anything :-)**



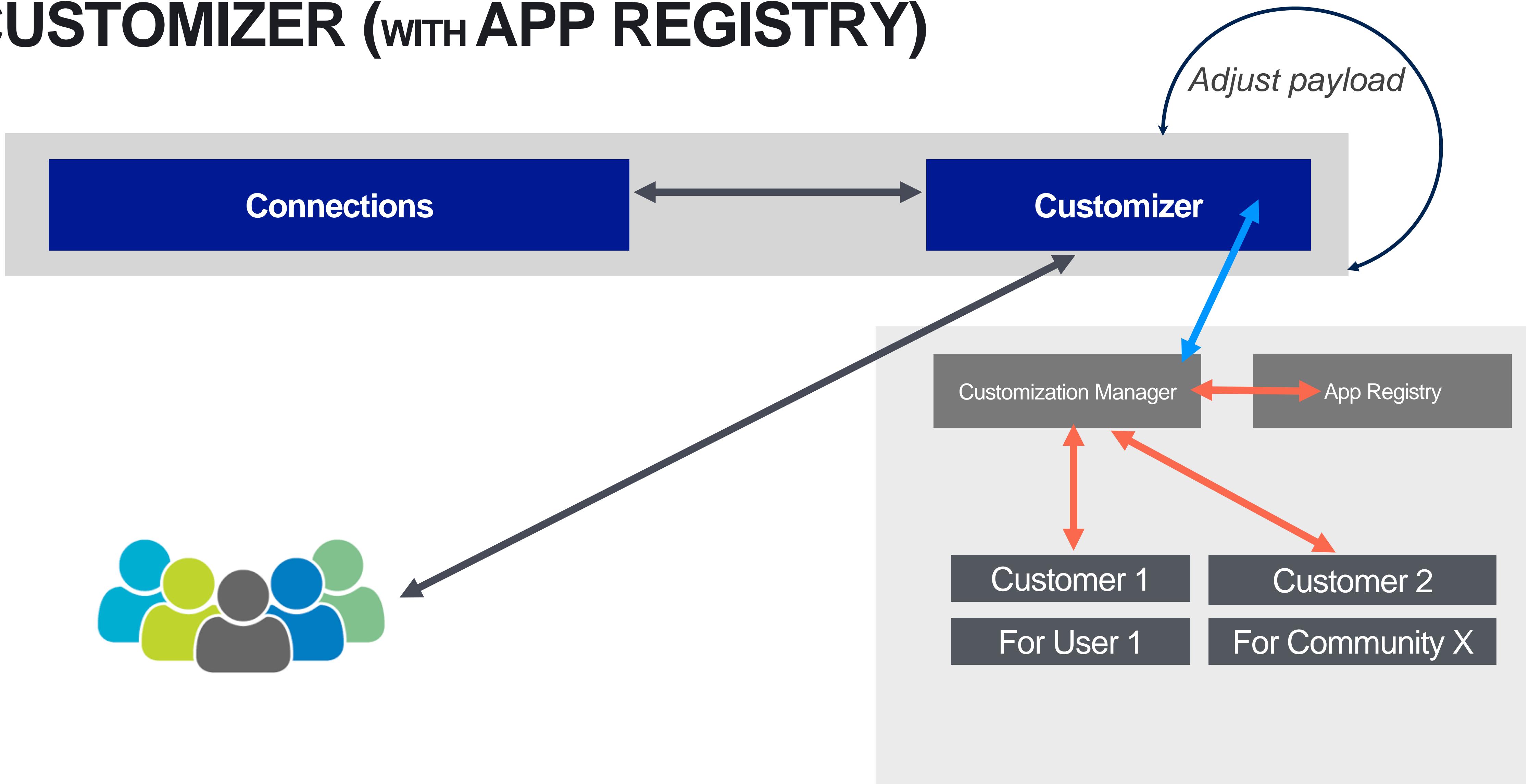
# SIMPLE REQUEST ROUTING



# SIMPLE REQUEST ROUTING



# CUSTOMIZER (WITH APP REGISTRY)



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# WHAT IS APP REGISTRY ?

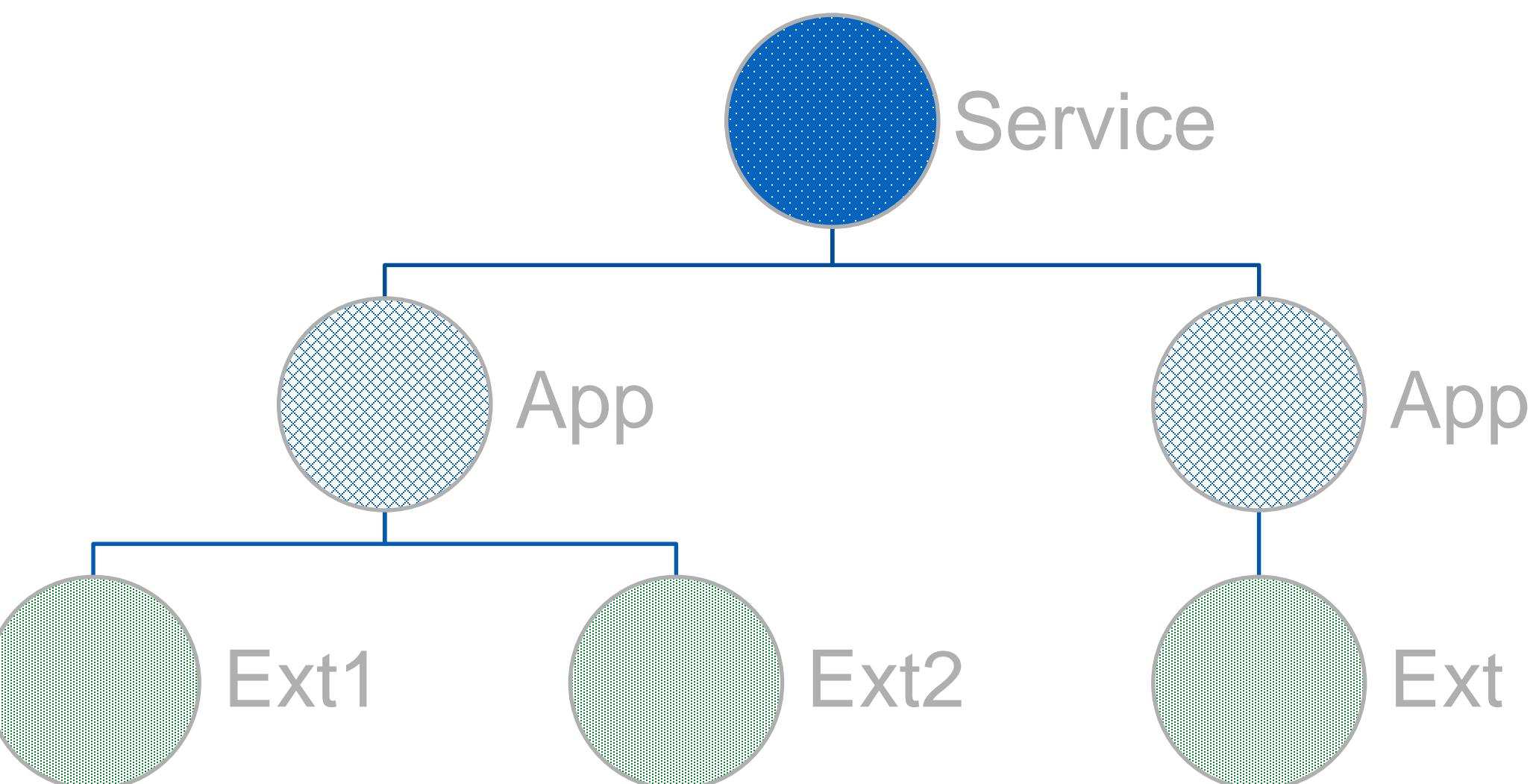
In general terms...

- A central app design repository with UI and API access
- Helps manage and deploy apps on a per-org basis
- Provides a hierarchical model for defining applications

1. **Services** (like OrientMe, Customizer, Verse etc) can declare Extension Points that expose customizable features

2. **Apps** are just containers for one or more extensions

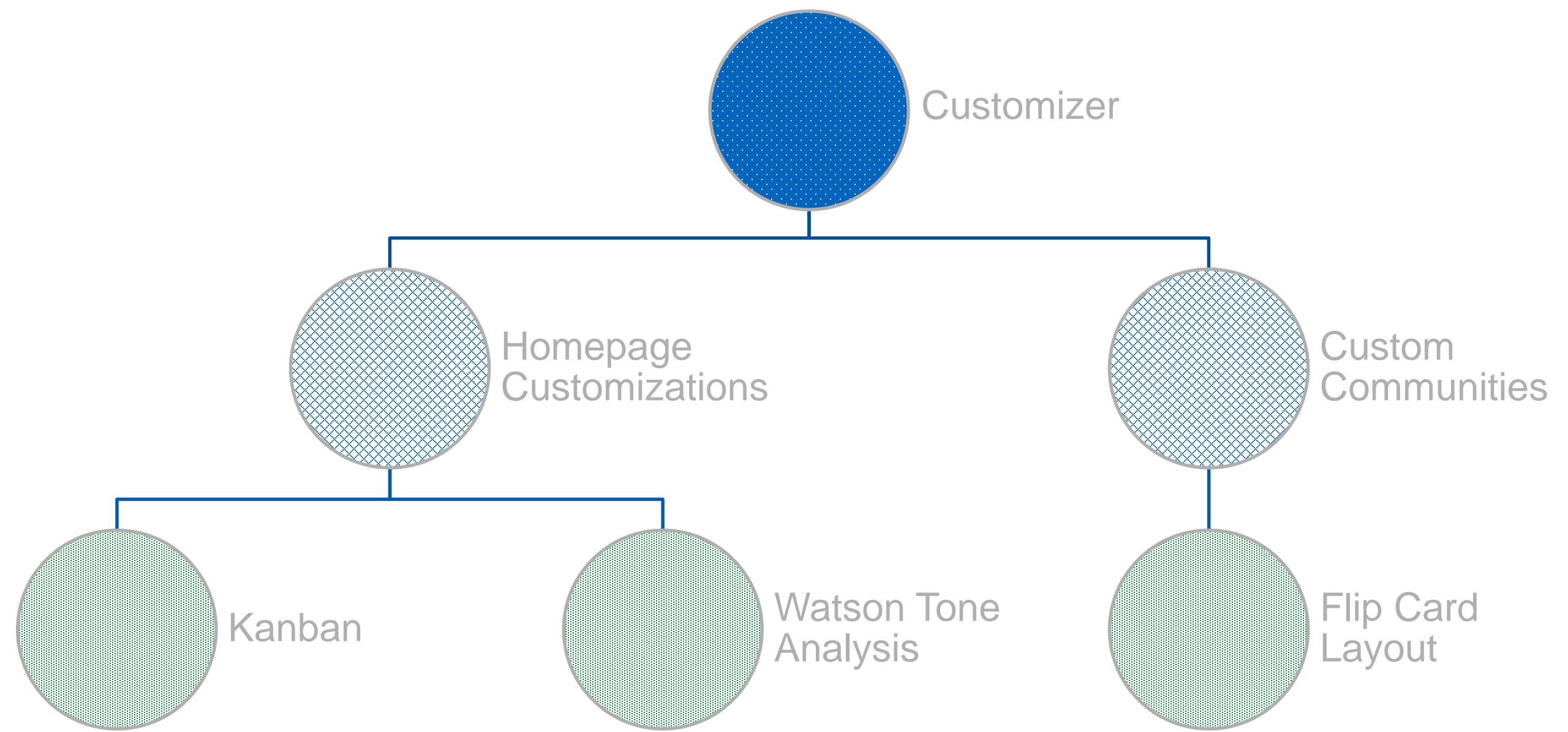
3. An **Extension** is an implementation of an Extension Point



# SIMPLIFIED ANATOMY OF AN APP

{

```
"services": ["Customizer"],  
"name": "Custom Communities",  
"extensions": [ {  
    "type": "com.ibm.customizer.ui",  
    "path": "communities",  
    "payload": {  
        "include-files": ["flipcard.js"]  
    } } ] }
```



# APP REG DESIGN PROPERTIES

- **type** – identifies the extension point being implemented
  - com.ibm.customizer.ui
  - com.ibm.customizer.api
- **path** – identifies the URL path which typically corresponds to a Connections app -

<https://apps.collabServIntegration.com/profiles/html/myProfileView.do#&tabinst=Updates>

<b>Sample URL</b>	activities	files	homepage	profiles	<b>Valid Paths</b>
<b>App Reg REST Query</b>	blogs	forums	mycontacts	search	
	communities	global *	news	wikis	

`GET /appregistry/api/v2/services/Customizer/extensions?type= com.ibm.customizer.ui&path=profiles`

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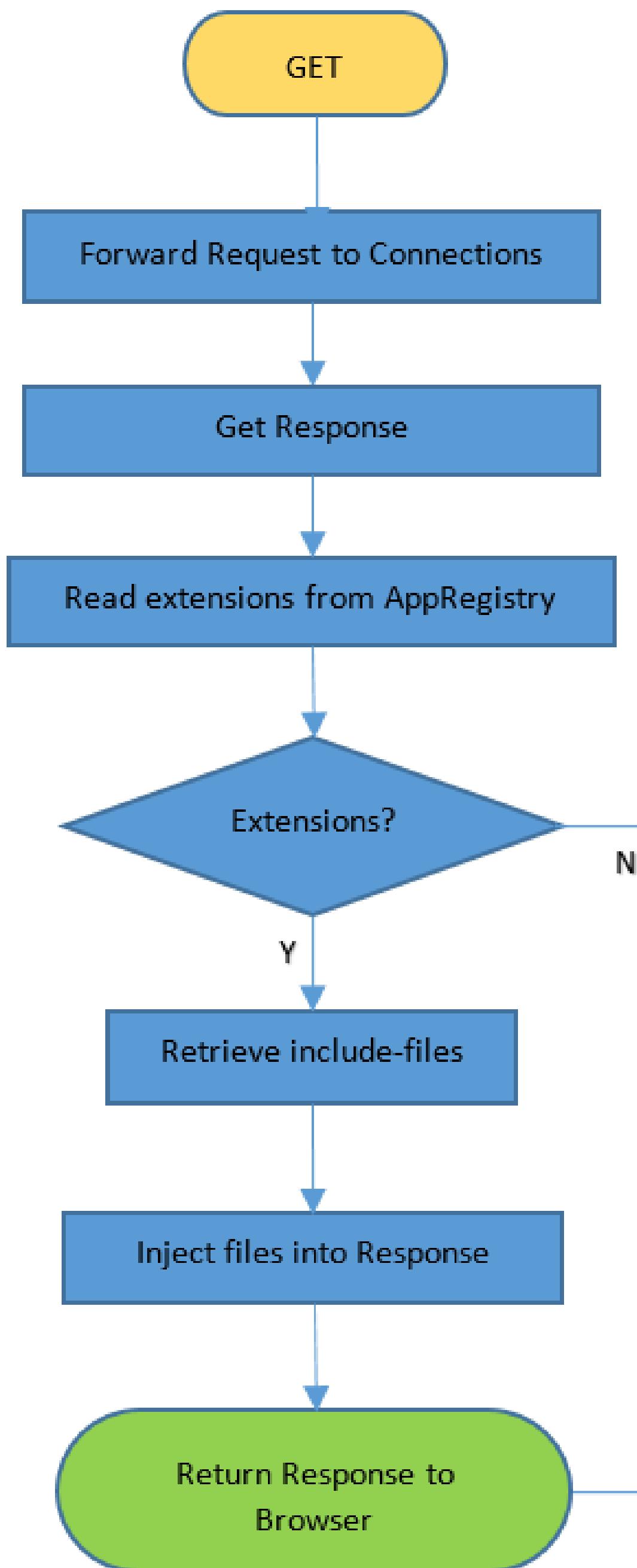
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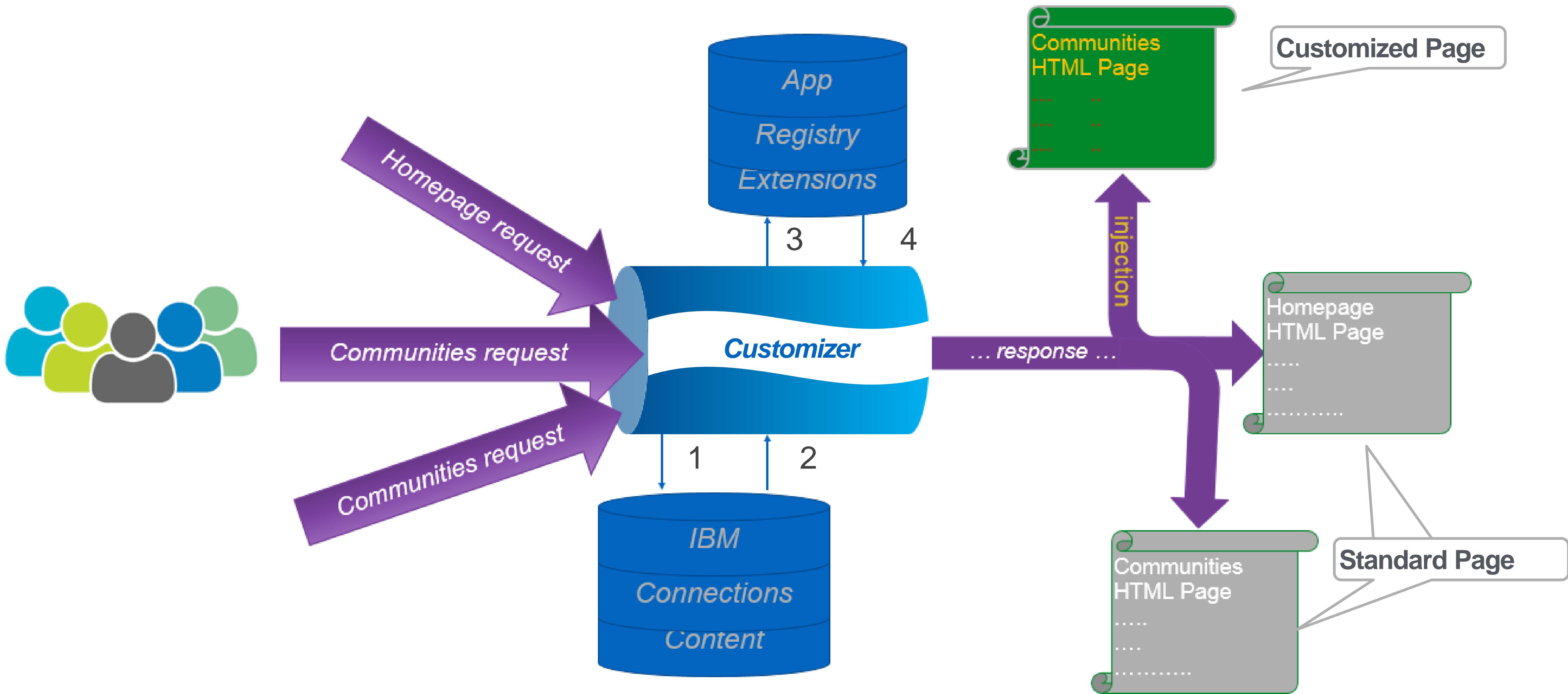
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# IBM CUSTOMIZER REQUEST LIFECYCLE



# IBM CUSTOMIZER BIG PICTURE



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# NEXT STEPS

## What's coming in Episode 2 ?

Christian Guedeman shows how to prepare Customizer extensions in your browser

- Learn about browser add-on tools like [GreaseMonkey](#)
- Getting started with your first Extension and learn to “wait for the right moment”
- Learn how to inject your own CSS within minutes
- Watch this space

<https://opencode4connections.org/oc4c/customizer.xsp?key=ccc-episode2>



THANK YOU!