



Profile Installation

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Preface

Informer Server is a runtime for hosting any number of pre-defined or custom applications. Each mobile application has an associated Profile definition which must be imported and initialized to support the application.

This document provides step-by-step instructions for installation of an Informer profile. Individual custom apps or specific deployments might have additional steps, but this can be used a general guideline for any given application definition.

Requirements

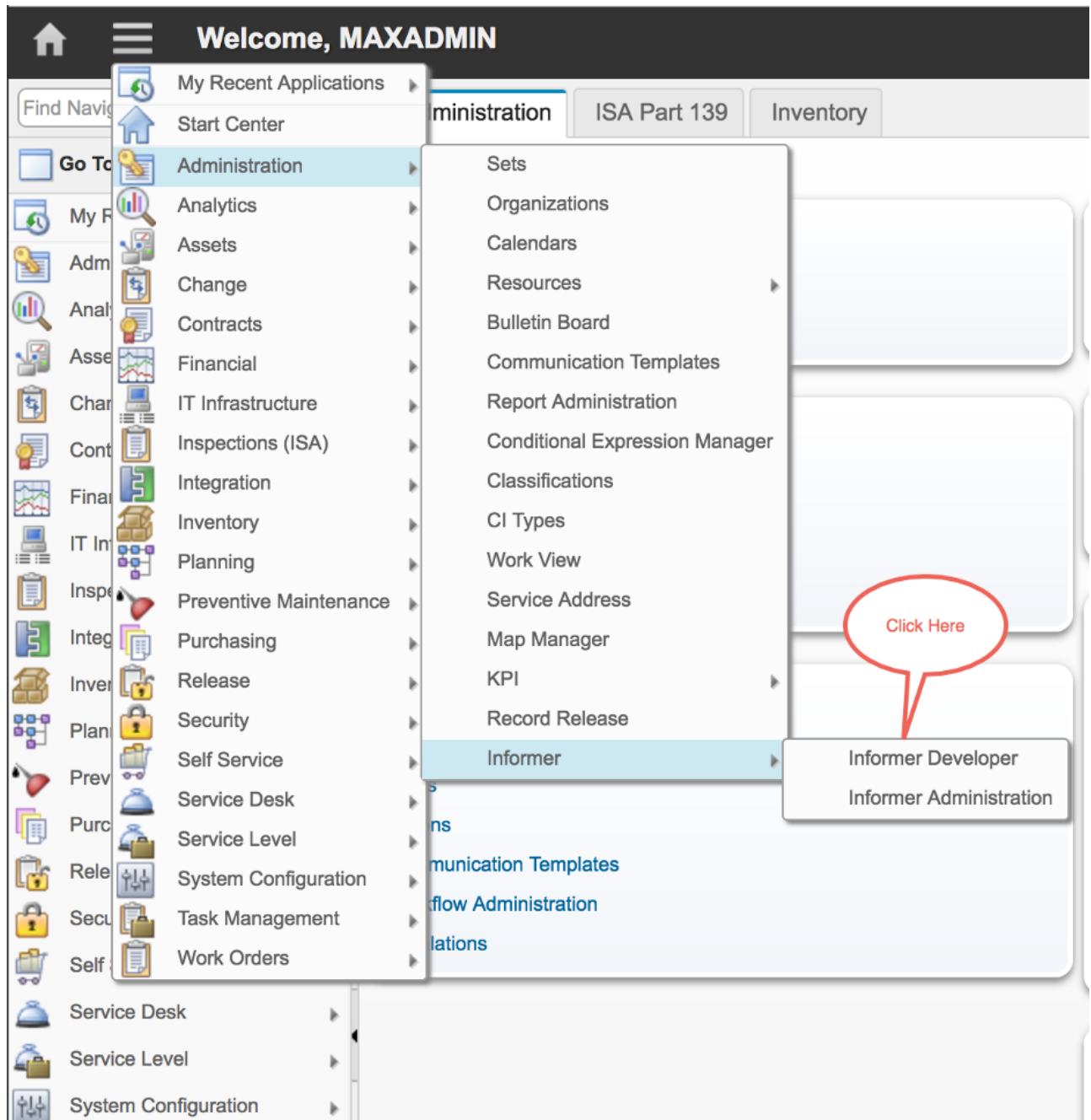
Files needed for installation:

- Informer profile definition .xml file
- Informer command .jar
- Application Configuration resource .json file (optional)

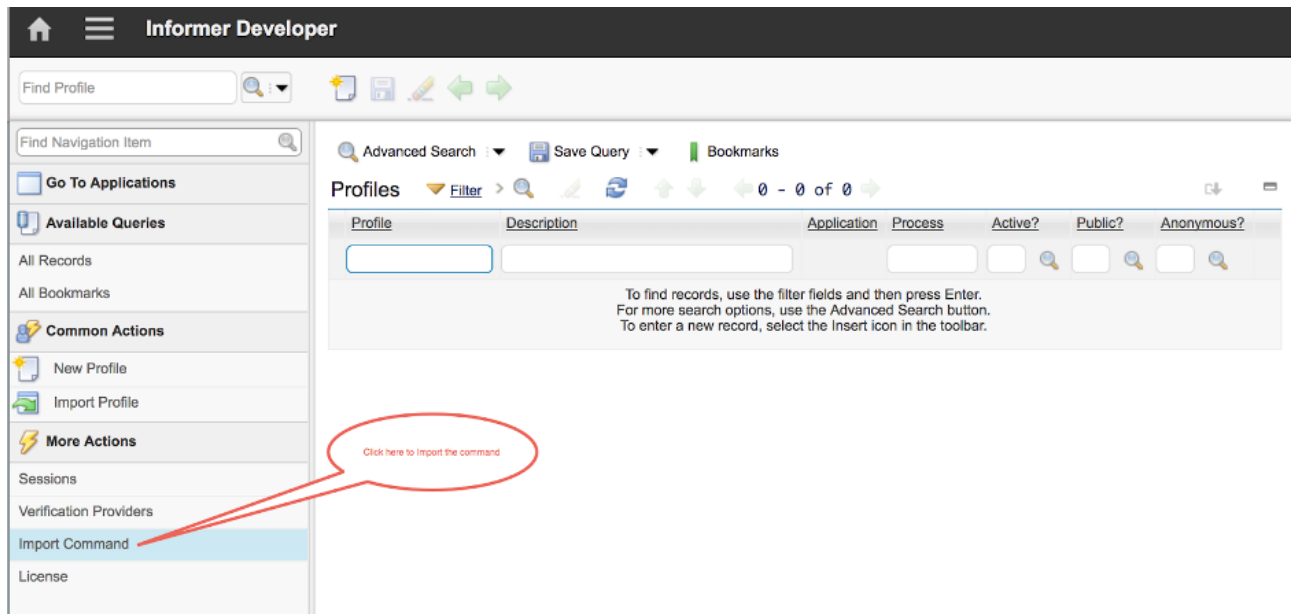
Importing Artifacts

Import Commands

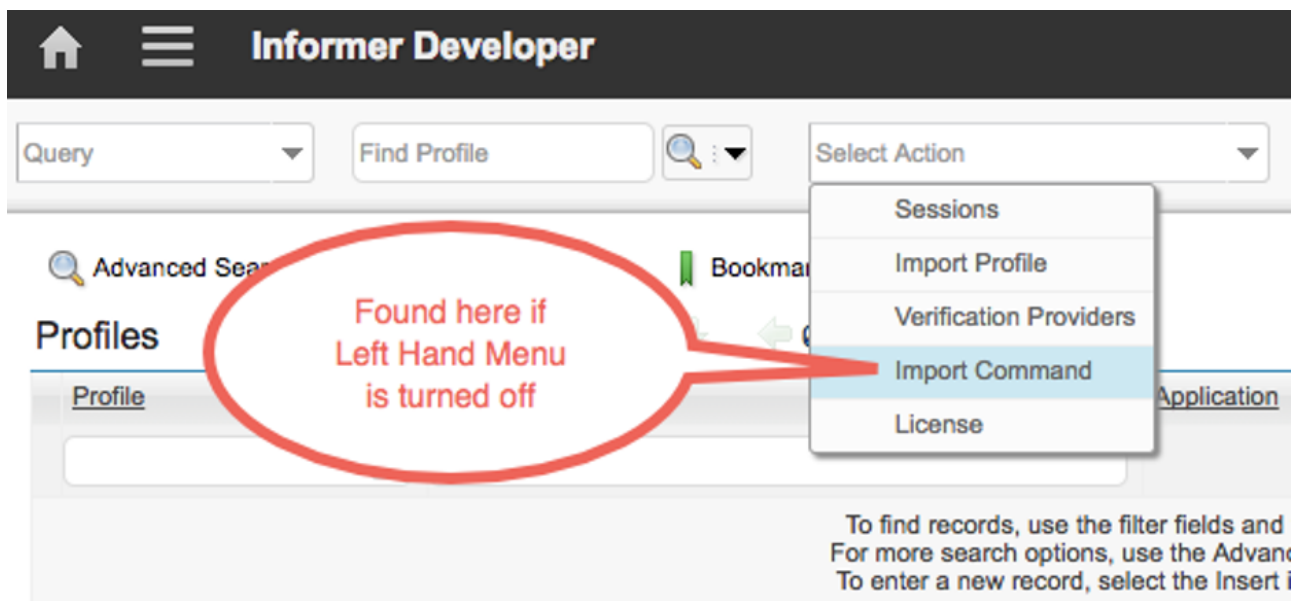
1. Navigate to Informer Developer by going to **Administration > Informer**



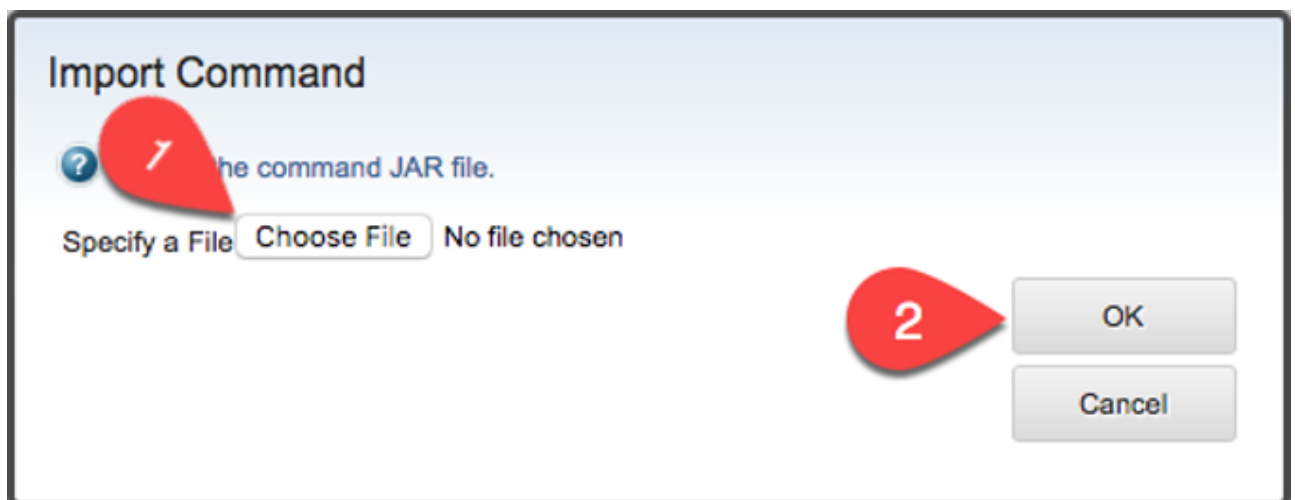
2. From the More Actions section of the left-hand navigation menu (or the Select Action menu if left-hand navigation has been turned off), select **Import Command**



OR

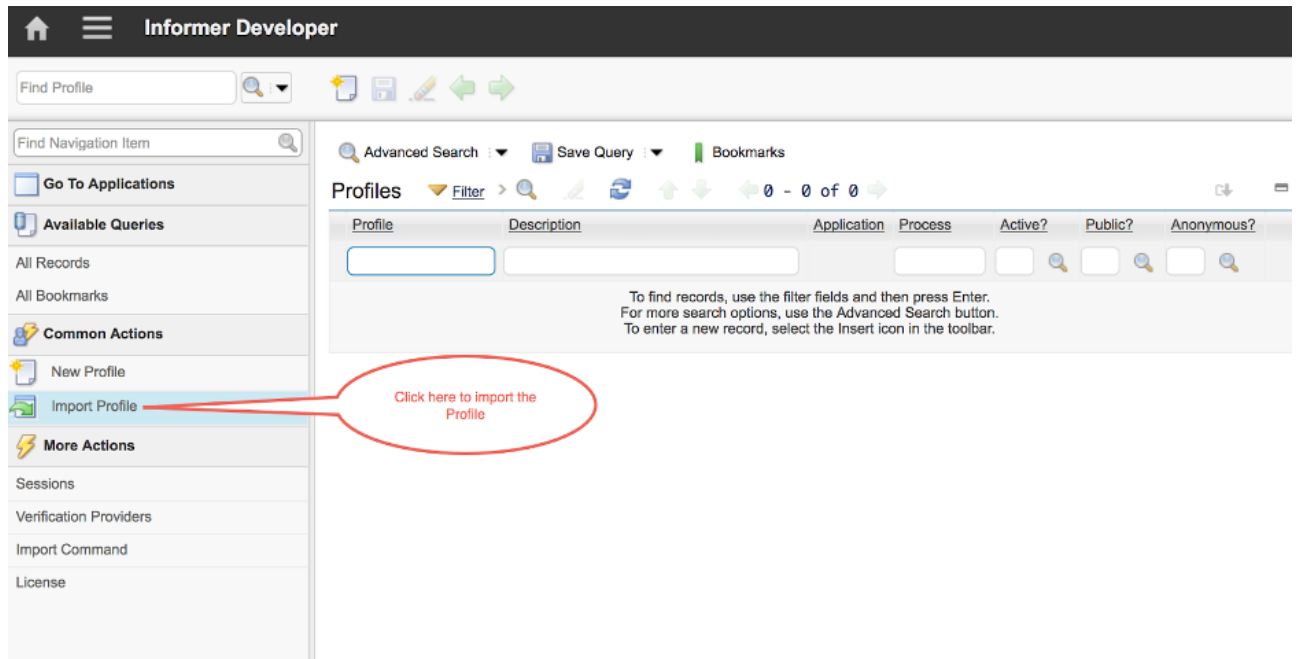


3. Use the **Choose File** button to supply the provided command jar file and click **OK**

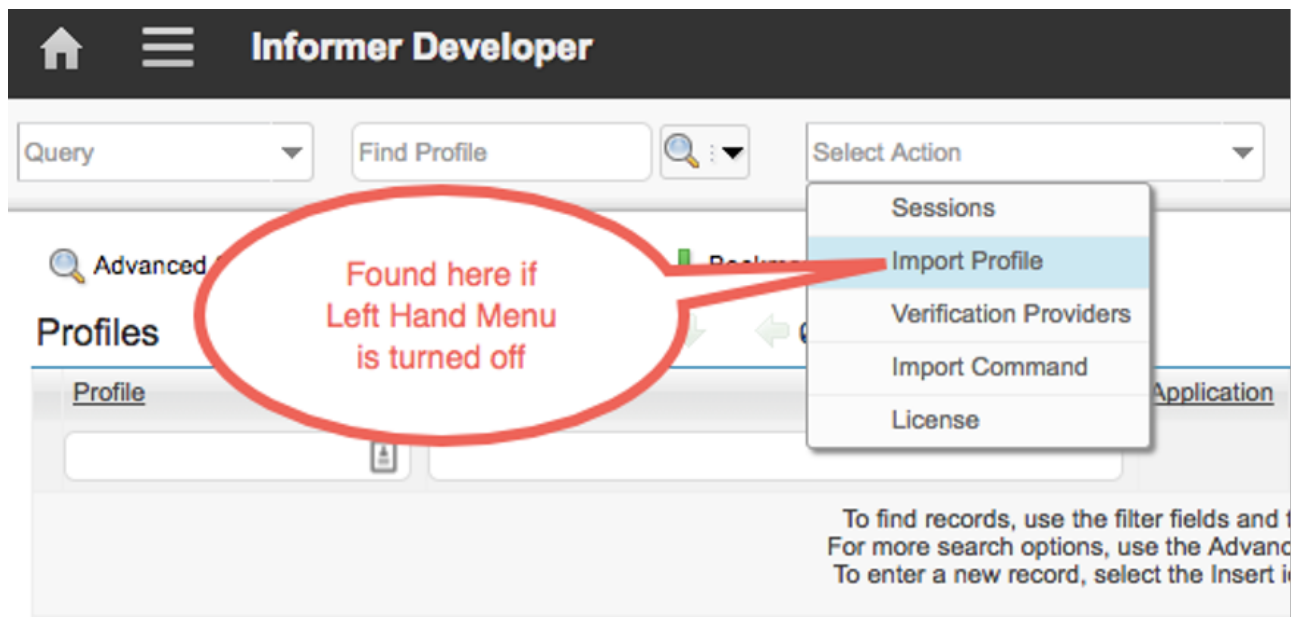


Import Profile

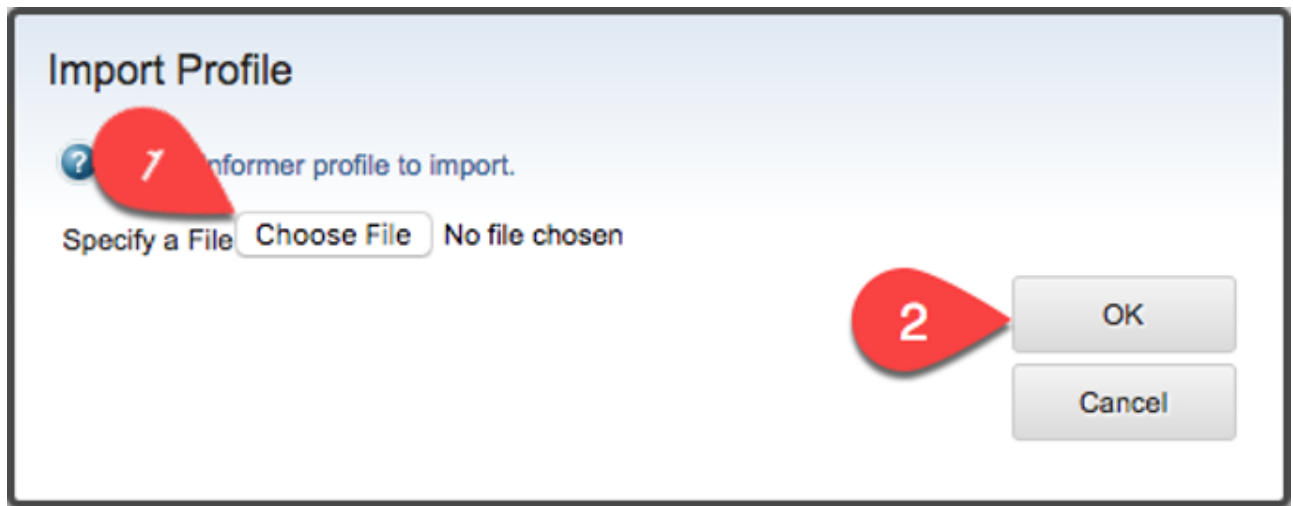
1. Now, from the **Common Actions** section of the left-hand navigation menu (or the **Select Action** menu if left-hand navigation has been turned off), select **Import Profile**



OR



2. Use the **Choose File** button to supply the provided Profile export and click **OK**



(Optional) Import app config resource json file

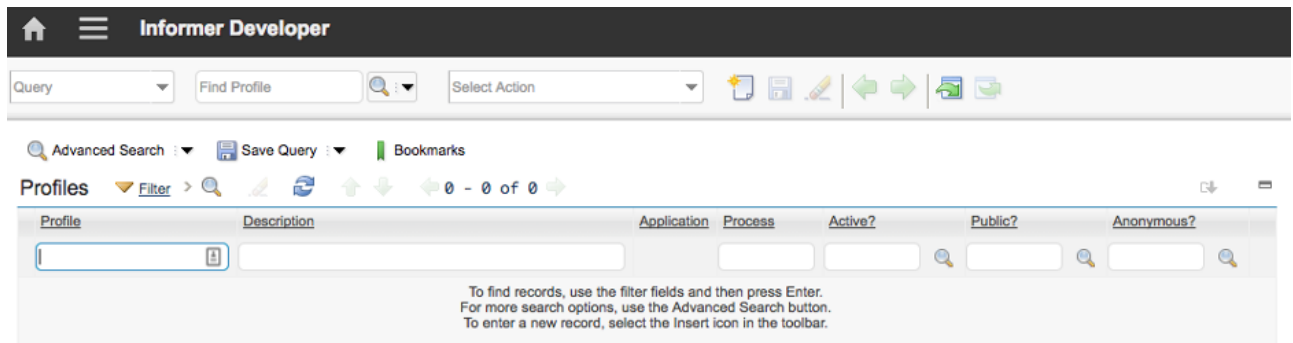
1. Once your profile is installed and active, navigate to the profile in Informer Developer.
2. Select **Resources** from the Select Action menu.
3. Optionally, if there is an existing app config that you mean to replace, delete the existing file via the trash can icon.
4. Click the **Add Resource** button.
5. Using the file picker, select the app config json file.
6. Click **OK** to close the dialog.
7. App Config is now installed.

NOTE

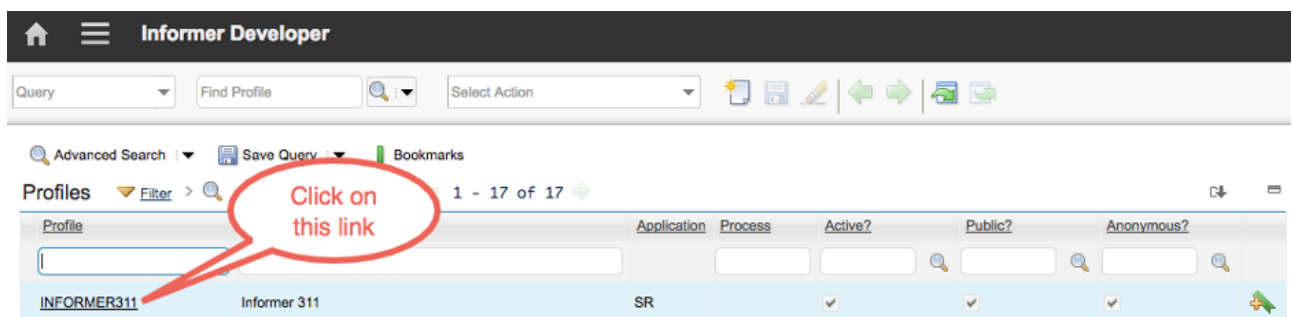
Updated application config files can be applied as above at a later point, even once the Profile is already imported and active.

Initialize the Catalogs

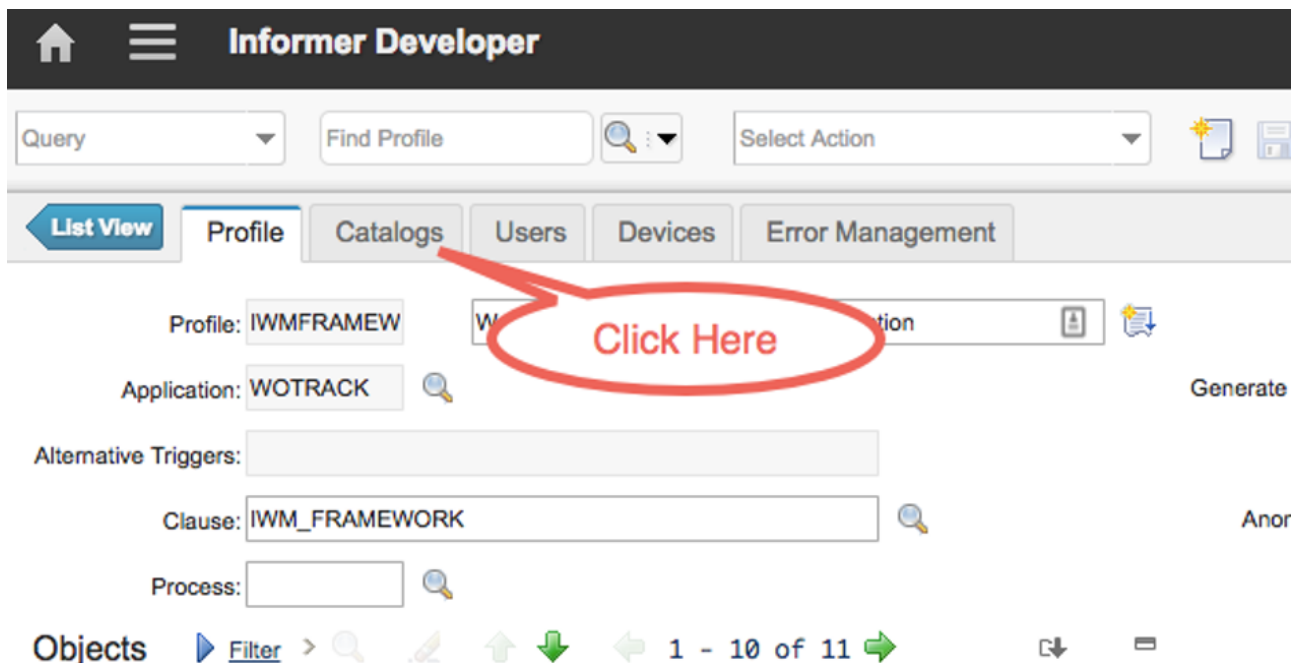
1. From **Informer Developer**, press **Enter**. This will display the list of profiles that have been imported.



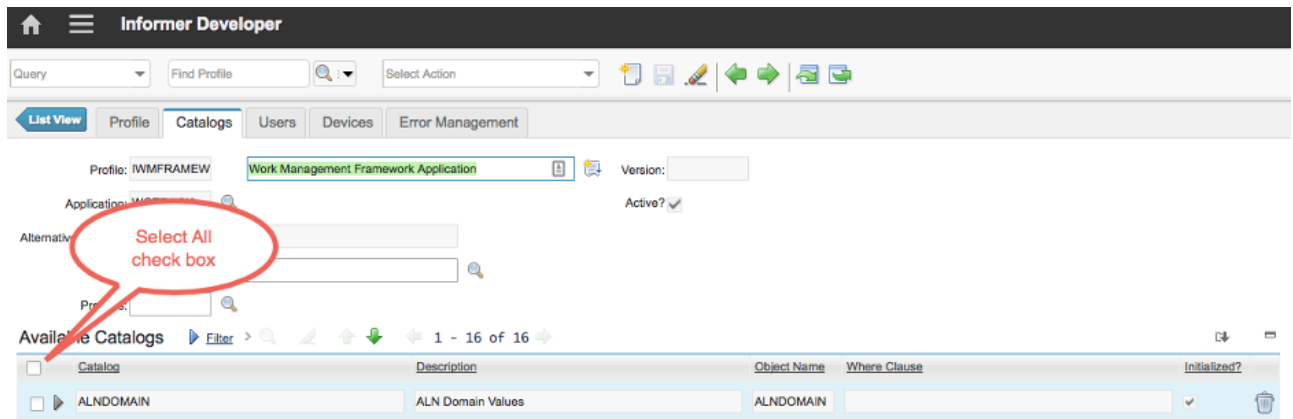
2. Click on the profile that was just imported (INFORMER311 in the example below—Also, note that the check boxes under **Active?**, **Public?**, and **Anonymous?** Will NOT be checked at this time)



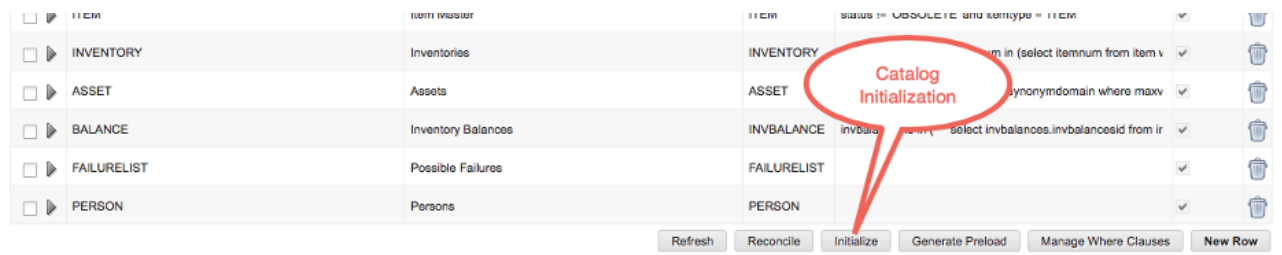
3. Navigate to the **Catalogs** tab



4. Click on the **Select All** checkbox on the left and above the list of catalogs



5. Click on the **Initialize** button under the list of catalogs



NOTE

This will not result in immediate changes to this screen, rather, the catalogs will be added to a processing queue and Maximo will process the catalogs from that queue. Also, please especially note that clicking the Initialize button kicks off a process that does not stop easily and multiple clicks of the Initialize button will only add more work to the queue.

Monitoring Initialization progress

IMPORTANT

Catalog init can take anywhere from several minutes to several hours, depending on the size of your dataset.

Because this process can take a very long time, we suggest monitoring every so often but be prepared for it to take quite some time to complete. To monitor the Initialization progress, there are two basic methods:

1. One can simply periodically click the **Refresh** button below the list of catalogs.

Informer Developer

Query Find Profile Select Action

List View Profile Catalogs Users Devices Error Management

Profile: IWMFRAMEW Work Management Framework Application Version: Active? ☒

Application: WOTRACK

Alternative Triggers:

Clause: IWM_FRAMEWORK

Process:

Available Catalogs Filter 1 - 16 of 16

| Catalog | Description | Object Name | Where Clause | Initialized? |
|----------------------------------------|--------------------------------------------|-------------|-------------------------------------------------------------|-------------------------------------|
| <input type="checkbox"/> ALNDOMAIN | ALN Domain Values | ALNDOMAIN | | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> LOCATIONS | Locations | LOCATIONS | status in (select value from synonymdomain where domainid | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> SYNONYMDOMAIN | Synonym Domain Values | SYNONYMDC | 1=1 | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> SITE | All Sites | SITE | 1=1 | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> ALLSITE | Groups with all site access | MAXGROUP | AUTHALLSITES=1 | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> SITEAUTH | Authorized Sites | SITEAUTH | 1=1 | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> LOCAUTH | Location Authorizations | LOCAUTH | 1=1 | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> ALLAUTH | Groups with all storeroom authorization | MAXGROUP | AUTHALLSTOREROOMS = 1 | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> MAXVARS | Maximo Variables that impact app operation | MAXVARS | varname in ('NEGATIVEAVAIL','NEGATIVECURBAL') | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> STOREROOM | Storerooms | LOCATIONS | type = 'STOREROOM' and STATUS='OPERATING' | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> ITEM | Item Master | ITEM | status != 'OBSOLETE' and itemtype = 'ITEM' | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> INVENTORY | Inventories | INVENTORY | status='ACTIVE' and itemnum in (select itemnum from item v | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> ASSET | Assets | ASSET | status not in (select value from synonymdomain where maxv | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> BALANCE | Inventory Bal | INVBALANCE | invbalancesid in (select invbalances.invbalancesid from ir | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> FAILURELIST | Possible Failure | FAILURELIST | | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> PERSON | Persons | PERSON | | <input checked="" type="checkbox"/> |

Refresh Reconcile Initialize Generate Preload Manage Where Clauses New Row

Refresh Button for Catalog Tab

2. As catalogs initialize, the **Initialized?** box on the right will become checked.

Available Catalogs Filter 1 - 16 of 16

| Catalog | Description | Object Name | Where Clause | Initialized? |
|------------------------------------|-------------------|-------------|-----------------------------------------------------------|-------------------------------------|
| <input type="checkbox"/> ALNDOMAIN | ALN Domain Values | ALNDOMAIN | | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> LOCATIONS | Locations | LOCATIONS | status in (select value from synonymdomain where domainid | <input checked="" type="checkbox"/> |

Initialized Catalog Check Box

3. Alternatively, Select **Monitor** from the **More Actions** section (or **Select Action** menu) and then navigate to the **Catalog Queue** tab. From this tab, periodically click the **Refresh** button and watch as the number in the **Total** field first increases and then decreases. Once this number returns to zero, the catalogs are initialized.

Monitor

Notification Queue

Catalog Queue

Push Queue

Performance

Total: 0

Active: 0

Last Updated:

Preload Generation: 0

Reconcile: 0

Error: 0

Catalog Queue Processors

Filter > 1 - 2 of 2

| Host | Server | Thread | State | Last Updated | |
|------|--------|----------------------------------------|---------|-----------------|--|
| | MAXIMO | Informer-CatalogRefreshQueueProcessor1 | WAITING | 8/29/17 2:40 PM | |
| | MAXIMO | Informer-CatalogRefreshQueueProcessor0 | WAITING | 8/29/17 2:40 PM | |

Refresh

OK

Cancel

WARNING

If you wind up with any jobs in error state, these errors will show up in the logs. Contact your Interloc customer service representative if you need help diagnosing the issue.

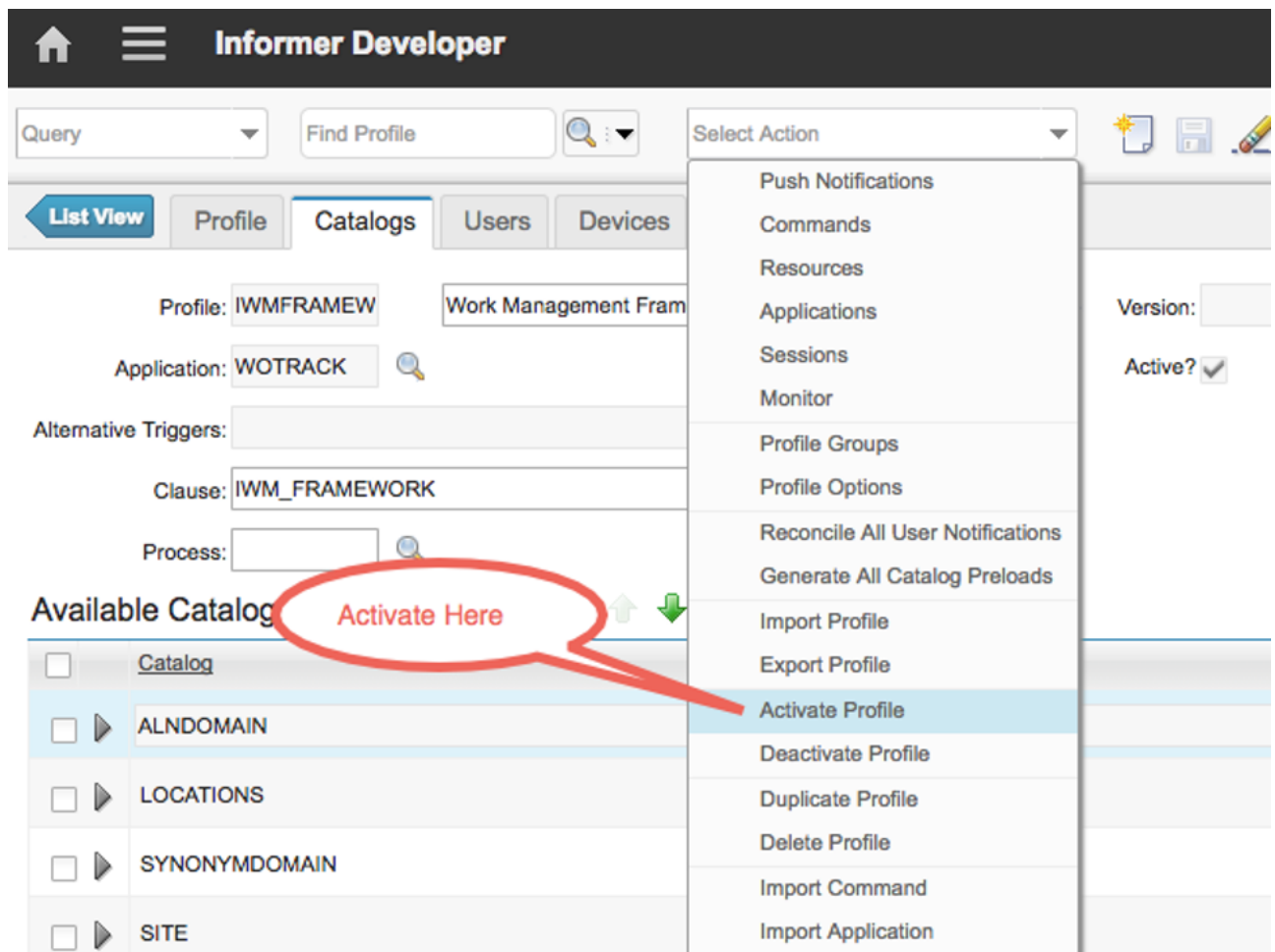
Activate the Profile

1. Once the catalogs are initialized, the profile can be activated from the **More Actions** section in the Left-hand menu(Or the **Select Action** menu) by selecting **Activate Profile**

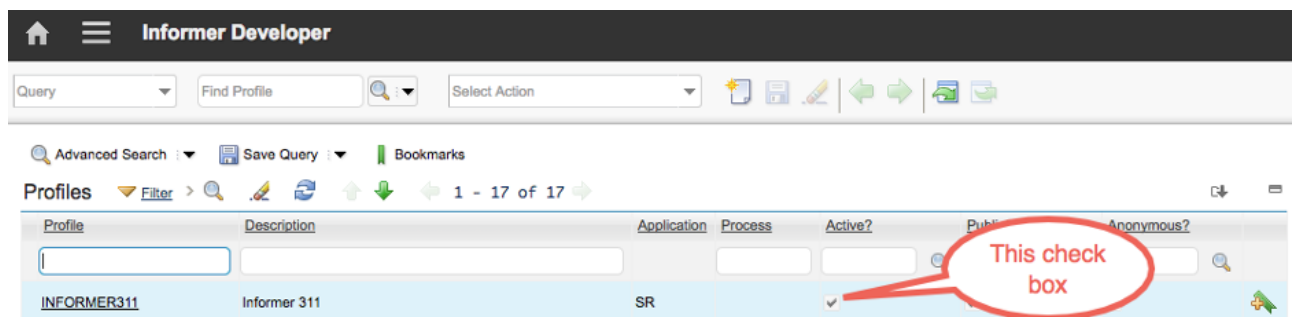
The screenshot displays the Informer Developer application interface. On the left, a sidebar menu contains various options, with 'More Actions' expanded to show 'Activate Profile' highlighted. A red circle and arrow point to this option with the text 'Activate Here'. The main panel shows the 'Catalogs' tab, displaying a table of available catalogs. The table has columns for Catalog, Description, Object Name, Where Clause, and Initialized?. Below the table are buttons for 'Refresh', 'Reconcile', 'Initialize', 'Generate Preload', 'Manage Where Clauses', and 'New Row'.

| Catalog | Description | Object Name | Where Clause | Initialized? |
|---------------|--------------------------------------------|-------------|---------------------------------------------|--------------|
| PERSON | Persons | PERSON | | ✓ |
| FAILURELIST | Possible Failures | FAILURELIST | | ✓ |
| BALANCE | Inventory Balances | INVBALANCE | invbalancesid in (select invbalances.invba | ✓ |
| ASSET | Assets | ASSET | status not in (select value from synonymdom | ✓ |
| INVENTORY | Inventories | INVENTORY | status='ACTIVE' and itemnum in (select item | ✓ |
| ITEM | Item Master | ITEM | status != 'OBSOLETE' and itemtype = 'ITEM' | ✓ |
| STOREROOM | Storerooms | LOCATIONS | type = 'STOREROOM' and STATUS='OPER/ | ✓ |
| MAXVARS | Maximo Variables that impact app operation | MAXVARS | varname in ('NEGATIVEAVAIL','NEGATIVEEC | ✓ |
| ALLAUTH | Groups with all storeroom authorization | MAXGROUP | AUTHALLSTOREROOMS = 1 | ✓ |
| LOCAUTH | Location Authorizations | LOCAUTH | 1=1 | ✓ |
| SITEAUTH | Authorized Sites | SITEAUTH | 1=1 | ✓ |
| ALLSITE | Groups with all site access | MAXGROUP | AUTHALLSITES=1 | ✓ |
| SITE | All Sites | SITE | 1=1 | ✓ |
| SYNONYMDOMAIN | Synonym Domain Values | SYNONYMD | 1=1 | ✓ |
| LOCATIONS | Locations | LOCATIONS | status in (select value from synonymdomain | ✓ |
| ALNDOMAIN | ALN Domain Values | ALNDOMAIN | | ✓ |

OR



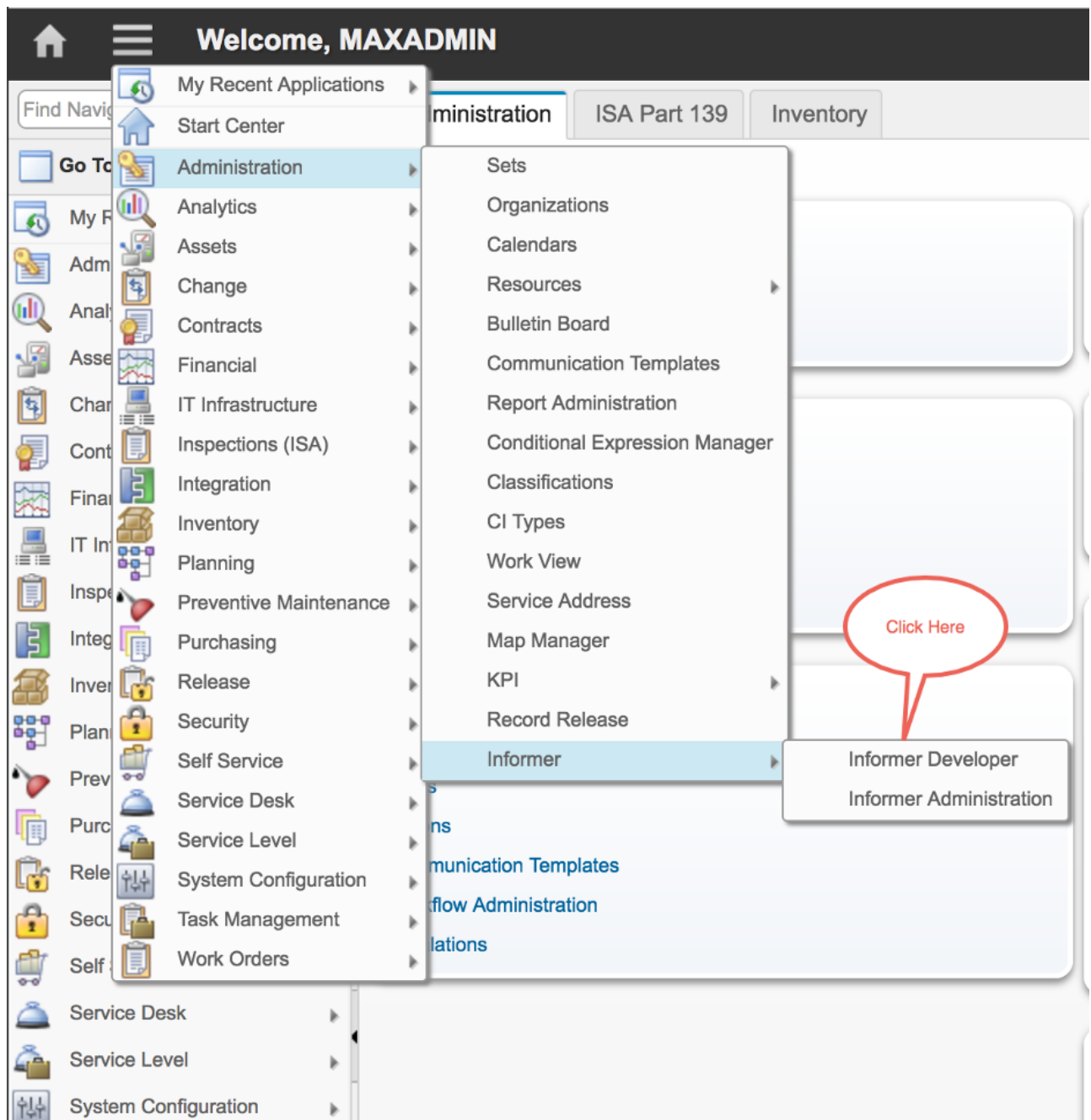
2. Once the profile is active, its **Active?** box will be checked in the profile list.



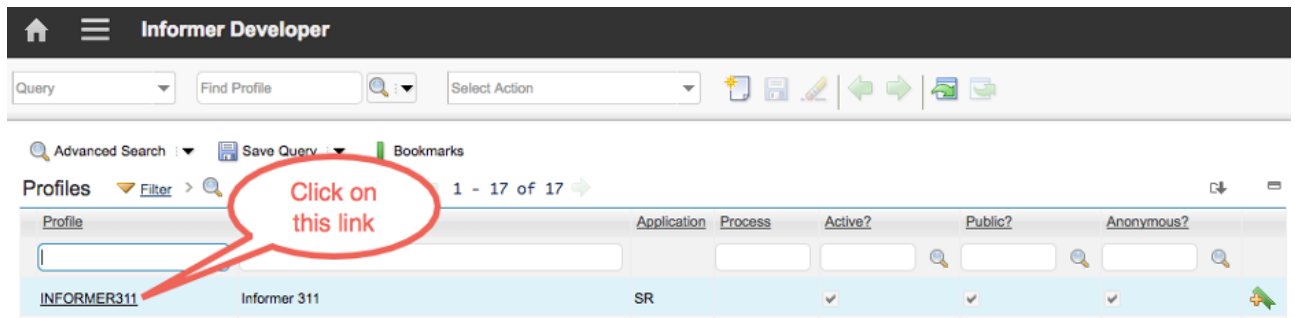
Add Users

If the profile requires users, they will need to be added at this point. To do this:

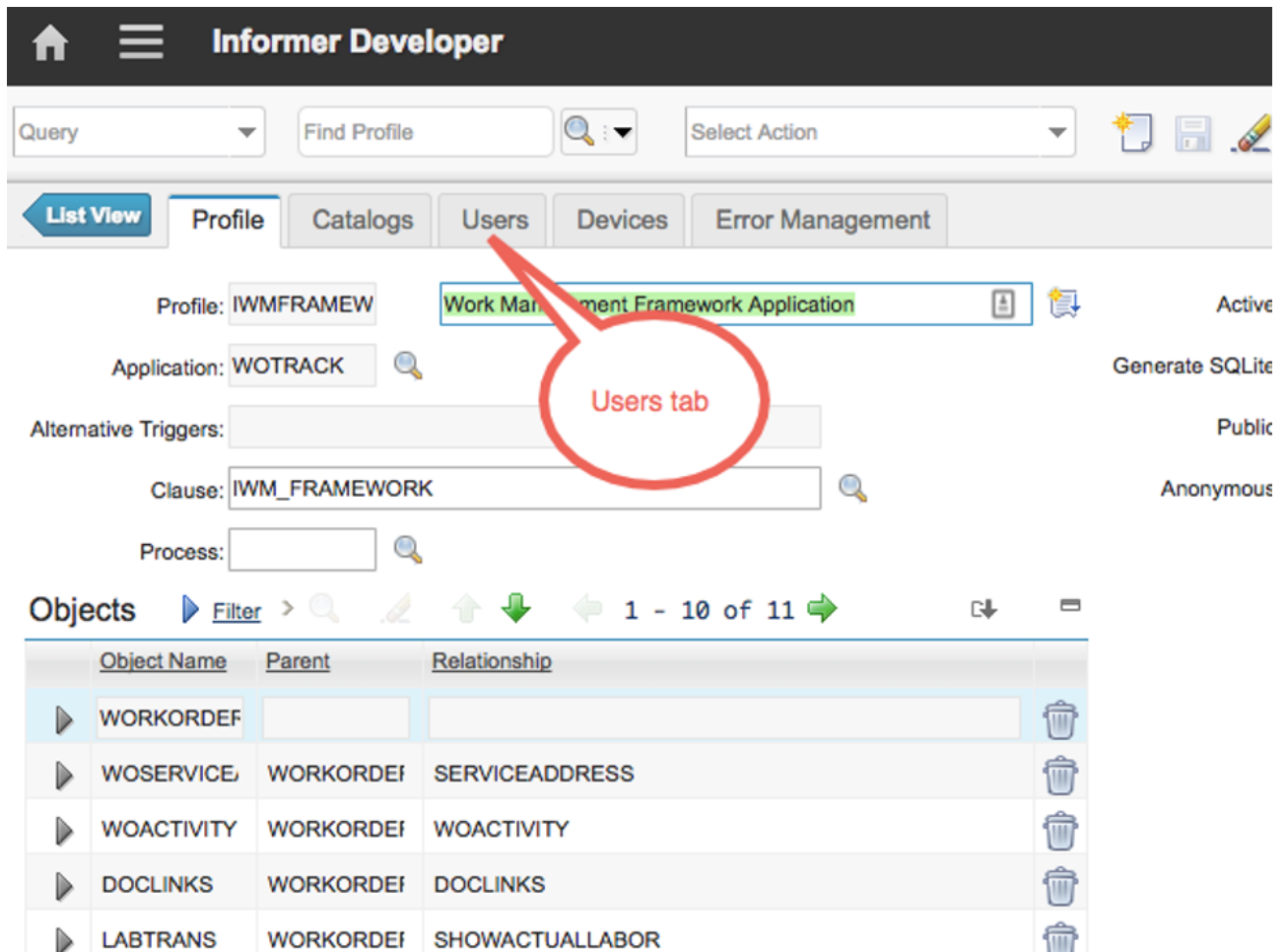
1. Navigate to **Informer Developer** by going to **Administration > Informer**



2. Press **Enter** to list the available profiles and **click on the link** for the profile that needs users to be added.



3. Go to the **Users** tab in the profile.



4. Click on the **New Row** button under the **Users** list

Informer Developer

Query Find Profile Select Action

List View Profile Catalogs **Users** Devices Error Management

Profile: IWMFRAMEW Work Management Framework Application Version: Active? ☒

Application: WOTRACK

Alternative Triggers:

Clause: IWM_FRAMEWORK

Process:

Users Filter 1 - 10 of 11

| User Name | Name | | | |
|-----------|------|--|--|--|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
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| | | | | |
| | | | | |
| | | | | |

Users are listed here

Click here to add users

Send Application Link Select Users Import Groups **New Row**

5. Type the Username of the person to be added and then hit **Tab**. The User's name should auto-populate into the next field and be added to the list above

Users Filter 11 - 12 of 12

| User Name | Name | | | |
|-----------|-------------|--|--|--|
| wilson | Mike Wilson | | | |
| | | | | |

1. Type the Username

2. Name Populates after TAB

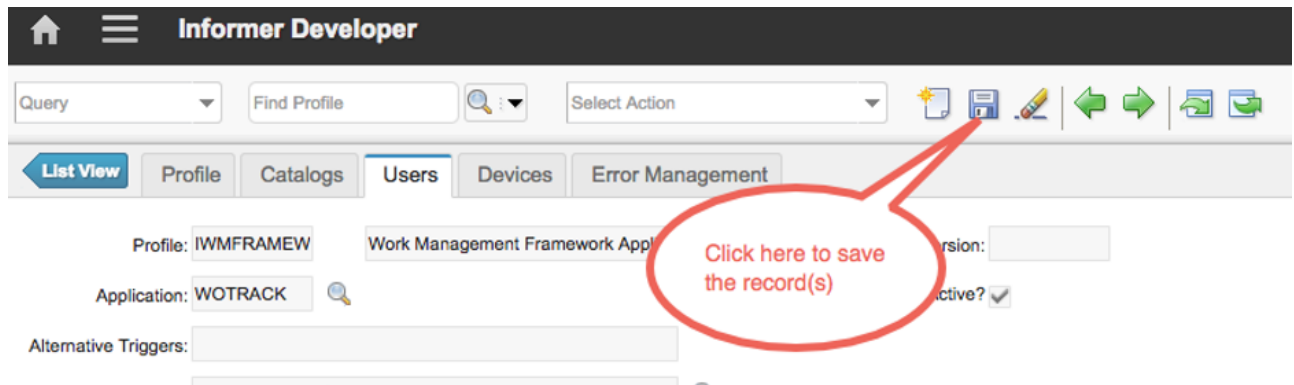
User Name: wilson Mike Wilson

Send Application Link Select Users Import Groups **New Row**

6. Note that multiple users can be added to the profile at this time by clicking the **New Row** button

again and typing another username.

7. Click the **Save** Icon to save the record(s)



NOTE | Users can be added or removed at any time, before or after Profile initialization