



URLs



Contents

Chapter 1: Overview	1
Overview of URLs	2
About URLs in GE Digital APM	2
About URL Syntax	2
Create a URL to Launch the GE Digital APM Mobile Application	4

Copyright GE Digital

© 2020 General Electric Company.

GE, the GE Monogram, and Predix are either registered trademarks or trademarks of All other trademarks are the property of their respective owners.

This document may contain Confidential/Proprietary information of and/or its suppliers or vendors. Distribution or reproduction is prohibited without permission.

THIS DOCUMENT AND ITS CONTENTS ARE PROVIDED "AS IS," WITH NO REPRESENTATION OR WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF DESIGN, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE. ALL OTHER LIABILITY ARISING FROM RELIANCE UPON ANY INFORMATION CONTAINED HEREIN IS EXPRESSLY DISCLAIMED.

Access to and use of the software described in this document is conditioned on acceptance of the End User License Agreement and compliance with its terms.

Chapter 1

Overview

Topics:

- [Overview of URLs](#)
- [About URLs in GE Digital APM](#)
- [About URL Syntax](#)
- [Create a URL to Launch the GE Digital APM Mobile Application](#)

Overview of URLs

URLs can be used to point to specific locations within GE Digital APM. GE Digital APM supports external URLs, as well as internal URLs using proprietary URL syntax.

About URLs in GE Digital APM

Many locations in GE Digital APM are accessible via URLs. This means that you can use a URL to view most pages, open many items, and access most features in GE Digital APM. URLs in GE Digital APM give you a high degree of flexibility in configuring and customizing your system. You can perform the following actions using URLs:

- Add hyperlinks to dashboards to provide quick access to commonly used features and functions.
- Add hyperlinks to queries so that your query results contain links that provide more detailed information about each item returned in the results.
- Add hyperlinks to charts so that you can view additional information about the results in a chart.

Note: In GE Digital APM, you can create links using both internal URLs (i.e., URLs that navigate within GE Digital APM), and external URLs (i.e., URLs that navigate you outside the application).

About URL Syntax

URLs in GE Digital APM are variable, depending on your connection type. Usually, the fundamental URL domain and path structure will be one of the following:

- `http://<ApplicationServer>.meridium.com/meridium/index.html`
- or-
- `http://<ApplicationServer>/meridium/index.html`

This documentation refers to the domain and path as the URL foundation. The `http://` protocol is always required.

Note: Throughout this documentation, we use certain capitalization conventions within URLs to help make our examples clear and legible, but note that most URLs are case insensitive.

Internal URL Syntax

You can apply one or more parameters to the URL foundation. In either case, the syntax of the URL differs.

Multiroute URLs

You can add multiple routes to a URL. A URL in GE Digital APM regularly consists of the URL foundation, and the structure `#<X>;rte=home;rte=assets/hierarchy;`, where `<X>` is a number corresponding to the active route (i.e., the tab you are using).

- **rte=<route>**: ...where `<route>` is the location in GE Digital APM that will be accessed by the URL. Generally, routes will consist of one or more elements. These are found in the documentation for each work process. For example, `rte=tm/asset/2509505`.

A complete URL with multiple routes might look like the following: `http://<ApplicationServer>/meridium/index.html#2;rte=home;rte=assets/hierarchy;rte=tm/asset/2509505`.

In this example, because 2 follows #, the `tm/asset/2509505` route is displayed as the active tab. Note again that each parameter is separated by a semicolon.

Single Route URLs

In the case of a single route, you only need to specify `#<route>` following the URL foundation, where `<route>` is the location in GE Digital APM that will be accessed by the URL. For example, the URL `http://<ApplicationServer>/meridium/index.html#catalog`, where the route is `catalog`, accesses the **Catalog** page. Generally, routes will consist of one or more elements. These are found in the documentation for each work process.

GE Digital APM automatically reformats URLs that use a single parameter, so the URL you enter will not be identical to the URL that appears in the address bar. For example, `http://<ApplicationServer>/meridium/index.html#query` will be automatically reformatted to `http://<ApplicationServer>/meridium/index.html#2;rte=home;rte=assets/hierarchy;rte=query`. In this example, because 2 is automatically set to follow #, the query route is displayed as the active tab.

Invalid URLs

If you enter an invalid route after the URL foundation, the **URL Not Supported** page appears as the active tab.



We're Sorry

This URL is not supported in the current version of GE Digital APM.

About URL Elements

Each URL route may accept one or more elements, which further define the feature or item that will be accessed by the URL. Sometimes route itself is associated with a specific location, and no additional information is needed to open the feature. For example, the route `#query` will open the **Query** page. No additional information is needed.

Elements are usually optional. This means that it is possible to provide additional information to access a specific location, but that if specific information is not provided, then the system will access the root location without generating errors.

When a URL contains multiple elements, the elements are separated by a / (forward slash). For example, `tm/asset/2509505`, where `tm` is the route, and `asset` and `2509505` are elements.

Using Keys as Elements

Every stored GE Digital APM object has an internal system-assigned numeric key that identifies the item within the system. For example, when you create a chart and save it to the Catalog, GE Digital APM assigns a key to that chart. Many URL elements accept keys as values to let you access specific items. For example, if a dataset is assigned the key `1002527`, the following internal URL would open that dataset:

- #dataset/1002527

Different URLs support the use of different keys, depending on what they are designed to access. The following keys are used most commonly in URLs:

- Family Key (FMLY_KEY): The numeric value assigned to an entity or relationship family.
- Entity Key (ENTY_KEY): The numeric value assigned to a specific record.
- Relationship Definition Key (RLDF_KEY): The numeric value assigned to a relationship definition.

Create a URL to Launch the GE Digital APM Mobile Application

About This Task

In order to create a URL that you can use to launch the GE Digital APM mobile application, you must begin with the root path `meridium://`. When you create the URL, you can also append syntax for additional tabs to create a multiroute URL. The following steps describe how to create a hyperlink URL that you can use to launch the mobile application.

Procedure

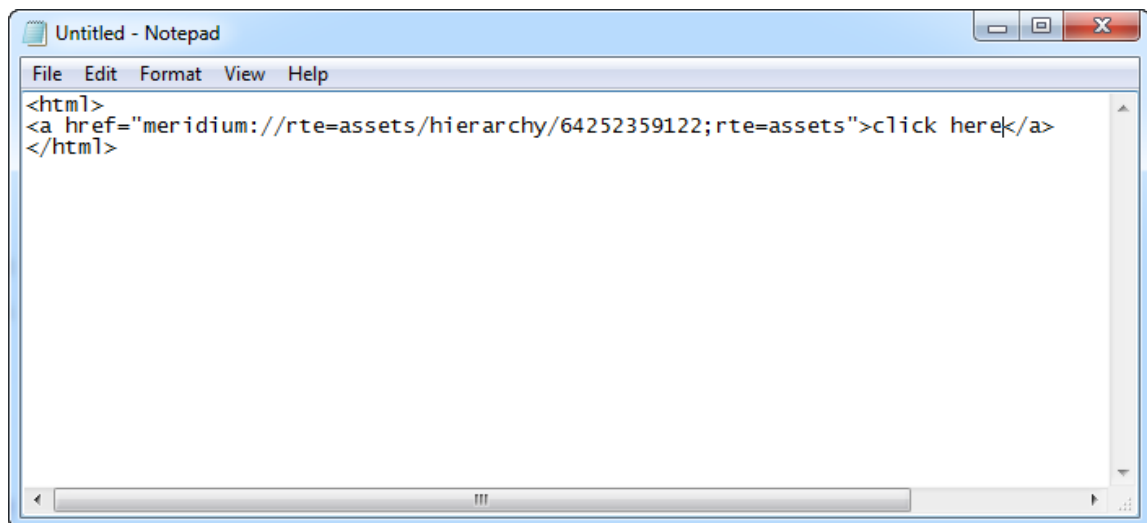
1. Create the URL beginning with `meridium://` and including all of the routes for tabs that you want to open with the URL. (e.g., `meridium://rte=assets/hierarchy/64252359122;rte=assets`)

Note: After `meridium://`, you append the routes for the tabs that you want to open when the URL hyperlink is selected. Each route is separated by a semicolon.

2. On your machine, launch Notepad, or a similar text editor application.
3. In the blank text editor document, enter the following:

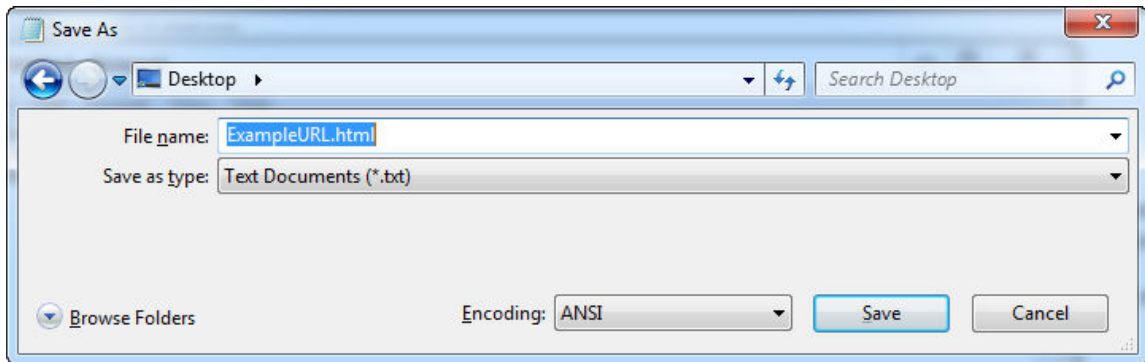
```
<html>
<a href="{the URL you created}">click here</a>
</html>
```

Your text editor should look similar to the following example:



4. Save the text editor document in the form of an `.html` file.

Note: If you are using Notepad, when you name the file, you will need to manually append the `.html` suffix in the file name field.



5. Send the `.html` file as an attachment in an email.

When you open the `.html`, it will open in a window in your native browser, and will include a hyperlink that you can select to launch the mobile application.