

# Create New Maps & Topic References

We use these map templates located in Astoria:

- Bookmark: iReview Admin > \_GEDigital\_Templates > bm\_<productshortname>\_<modulename>.ditamap.
- Article map: iReview Admin > \_GEDigital\_Templates > am\_<productshortname>\_<module>\_<submodule>.ditamap.

## Create a New Bookmark

1. Right click your maps folder and select **File > New XML Document**.
2. In the **Template** field, browse to the available templates and select **bm\_<productshortname>\_<modulename>.ditamap**.
3. In the **Name** field, specify the name of the bookmark and select **Ok** (for example, "bm\_apm\_analytics.ditamap").
4. Open the bookmark in the DITA Maps Manager in Oxygen.
5. Right click on the root element in the map (for example, Main Book Title) and select **Edit Properties**.
6. In the **Title** box, specify the name of the bookmark (for example, "Access Control Services").
7. In the **All attributes** section, in the **id** box, specify a unique value (generate one from here: <http://10.202.93.79/exist/restxq/unique>).
8. Select **OK**.
9. Open the bookmark in the Editor in Oxygen.
10. Add bookmeta for publishing to the DitaWeb portal:
  - a. Work with an Astoria admin to find out the values you should use for product name, component, and series. They will also need to add corresponding values to the DITAWeb Global Taxonomy in order for you to publish.
  - b. Update the bookmeta with appropriate values. Example:

```
<bookmeta>

  <prodinfo>
    <prodname>example_product_name</prodname>
    <vrmlist>
      <vrmlist vrmlist:modification="" vrmlist:release="" vrmlist:version="" />
    </vrmlist>
    <component>example_component</component>
    <series>example_series</series>
  </prodinfo>
</bookmeta>
```

**Note:** We do not use the version, release, and modification fields at this time.

**Note:** If your publication will be published as a PDF, additional metadata is needed for version number and release date.

In Author view in Oxygen, the metadata shows as follows:

The screenshot shows the Oxygen Author view of a bookmark's metadata. The 'bookmeta' element is expanded, revealing the 'prodinfo' section titled 'Product info'. Within 'prodinfo', the 'prodname' field is set to 'Product name: access\_control'. The 'vrmlist' field is titled 'Versions:' and contains three sub-fields: 'version:', 'release:', and 'modification:', each with an empty text input box. The 'component' field is set to 'Component: services'. The 'series' field is set to 'Series: security'. The 'bookmeta' element is also shown in the breadcrumb trail at the bottom of the view.

11. Save the bookmark.

## Article Maps

Refer to the steps here for creating an article map: [Create an Article Map](#).

### Important to note:

- Article maps require unique IDs both in the **<map>** and **<topichead>** elements
- The attributes **chunk="to-content"** and **type="article"** must be applied in the **topichead**.
  - These are required for DITAWeb publishing and are included in the template.
  - Avoid nested chunking (for example, an article map with a mapref to another article map, both with chunking), as this causes transformation errors and publishing failures.
  - Do not apply chunking to resource-only maps, such as global and module reuse maps, as this causes transformation errors and publishing failures.
- The value specified within the **<navtitle>** element (in the <topicmeta>) section is what will appear in the left navigation on DITAWeb.  
**Note:** Do not use the navtitle *attribute* on the topichead.

## Add Topics to an Article Map

Refer to the steps here for adding topics to an article map: [Adding a Topic to an Article Map](#)

## TIP

You can find steps for creating topics here: [Creating a Topic](#). We use the following topic templates in **Cabinets > iReview Admin > \_GEDigital\_ Templates**:

- *c\_<product\_short\_name>\_<module\_map\_name>\_concept\_template.dita*
- *t\_<product\_short\_name>\_<module\_map\_name>\_gui\_task\_1\_3\_template.dita*
- *r\_<product\_short\_name>\_<module\_map\_name>\_reference\_template.dita*

## Example Article Map

```
<map id="IZDVmNzYwNTEtZDdmMS00Y2FjLThkZmUtYzZIMTAzYTlyOWRi">
<title>SmartSignal Overview</title>
<topichead chunk="to-content" type="article" id="IYzEzNTMxZTgtN2JjMC00NjZjLTg5OTUtYjJkOTRmNDk1YjY4" >

    <topicmeta>
        <navtitle>SmartSignal Overview</navtitle>
    </topicmeta>

    <!--Note: Content outside of APM-M likely does not have keys specified on topicrefs -->

    <topicref keys="c_45" href="https://gedigital.astoriaondemand.com/astoria/APM/SmartSignal/Topics/c_apm_smartsignal_about_smartsignal_blueprints.dita"/>
    <topicref keys="c_46" href="https://gedigital.astoriaondemand.com/astoria/APM/SmartSignal/Topics/c_apm_smartsignal_about_expressions.dita"/>
    <topicref keys="t_47" href="https://gedigital.astoriaondemand.com/astoria/APM/SmartSignal/Topics/t_apm_smartsignal_access_smartsignal_blueprint.dita"/>

</topichead>
</map>
```

## Add Article Maps to a Bookmap

Refer to the steps here for adding article maps to a bookmap: [Adding Article Maps to your Bookmap.docx](#)

1. Open the bookmap for edit in the **DITA Maps Manager** view in Oxygen.
2. To add a regular submodule grouping (i.e., single left navigation level), one chapter represents each article map. Steps:
  - a. If one doesn't already exist, add a chapter to represent the article map (right-click the bookmap top-level, select **Append Child > Chapter**
  - b. Right-click the chapter, select **Edit Properties**.
  - c. On the **Target** tab, in the **URL** box, browse to and select the article map that you want to add. Select **Ok**.
  - d. On the **Attributes** tab:
    - i. If there is a value in the **Type** box and/or **Type** row in the **All attributes** section, remove it.
    - ii. In the **Format** box and **Format** row in the **All attributes** section, select **ditamap**.
  - e. Select **Ok**.
3. To add a complex sub-module grouping (i.e., where the left nav on DITAWeb contains 2 levels), one article map must exist for each second-level navigation in the left nav. In the bookmap, one chapter will contain these maps. Steps:
  - a. Add a chapter to represent the grouping.
  - b. Right-click the **chapter**, select **Edit Properties**.
  - c. On the **Attributes** tab, in the **Navigation Title** box, enter the name that should appear in the 1st level of the left nav.
  - d. Select **Ok**. (Note: Do *not* specify a map in the **URL** box)
  - e. Right-click the chapter, select **Append Child > Map Reference**
  - f. In the **URL** box, browse to and select the article map that you want to add. Select **Ok**, and then select **Ok** again.
  - g. Repeat the previous 2 steps for each map reference that should appear in the grouping.
4. Repeat applicable steps to add all relevant article maps to the bookmap.

## Example Bookmap

```
<bookmap id="IMzhjNDQ4MDUuMGJiOC00OGQxLTiiYTMtMmVjZDY3OGI2ZmNk">
```

```

<booktitle>
  <mainbooktitle>SmartSignal</mainbooktitle>
</booktitle>
<bookmeta>
  <prodinfo>
    <prodname>smartsignal</prodname>
    <vrmlist>
      <vrmlist version="" />
      <!-- version fields remain empty for now -->
    </vrmlist>
    <component>apm</component>
    <series>reliability</series>
  </prodinfo>
</bookmeta>

```

<!--These are references to common and module reuse maps. Content outside of APM-M likely does not have this-->

```

<chapter processing-role="resource-only">
  <mapref processing-role="resource-only" format="ditamap" href="https://gedigital.astoriaondemand.com/astoria/APM/Common/maps/am_apm_global_reuse.ditamap"/>
  <mapref processing-role="resource-only" navtitle="SmartSignal Module Reuse" href="https://gedigital.astoriaondemand.com/astoria/APM/SmartSignal/Maps/am_apm_smart_signal_module_reuse-1.ditamap"/>
</chapter>

```

<!--Each map reference should be added to a chapter -->

```

<chapter format="ditamap" href="https://gedigital.astoriaondemand.com/astoria/APM/SmartSignal/Maps/am_apm_smart_signal_overview.ditamap"/>
<chapter format="ditamap" href="https://gedigital.astoriaondemand.com/astoria/APM/SmartSignal/Maps/am_apm_smart_signal_tenant.ditamap"/>
<chapter format="ditamap" href="https://gedigital.astoriaondemand.com/astoria/APM/SmartSignal/Maps/am_apm_smart_signal_importing.ditamap"/>
<chapter format="ditamap" href="https://gedigital.astoriaondemand.com/astoria/APM/SmartSignal/Maps/am_apm_smart_signal_deployments.ditamap"/>

```

<!--Use a single chapter with a navtitle for complex submodule (2 levels in left nav) -->

```

<chapter>
  <topichead>

    <topicmeta>
      <navtitle>Reference</navtitle>
    </topicmeta>
    <mapref href="https://gedigital.astoriaondemand.com/astoria/APM/SmartSignal/Maps/am_apm_smart_signal_hosts.ditamap"/>
    <mapref href="https://gedigital.astoriaondemand.com/astoria/APM/SmartSignal/Maps/am_apm_smart_signal_mappings.ditamap"/>
    <mapref href="https://gedigital.astoriaondemand.com/astoria/APM/SmartSignal/Maps/am_apm_smart_signal_assets.ditamap"/>
  </topichead>
</chapter>

</bookmap>

```