

Welcome to Docucomp

The home of component metadata authoring.

[Login to Manage Components](#)

Docucomp User Manual

Production Version 4.7.2

Table of Contents

| | |
|--|-----------|
| Contact Information | 1 |
| Acknowledgements | 1 |
| Overview | 1 |
| Helpful Quickfacts | 1 |
| Limited Access | 2 |
| Filter & Search Components | 3 |
| Components List | 4 |
| Actions | 4 |
| New Users | 4 |
| Log In for Full Access | 4 |
| Viewing Options | 7 |
| Dark Mode | 7 |
| Streamline Page | 7 |
| Link to Docucomp User Guide | 8 |
| Filter & Search Components | 9 |
| Components List | 10 |
| Actions | 11 |
| View Component | 11 |
| Edit Component | 12 |
| Copy Xlink | 13 |
| View Revision History | 13 |
| Compare Two Versions | 13 |
| View Component's XML from Revision History Page | 15 |
| Undo a Change By Reverting To Prior Version | 15 |
| View XML | 17 |
| Delete this component | 17 |
| Component Tools | 18 |
| Create New Component | 18 |
| ISO XML Snippet | 22 |
| Insert Components into CoMET's ISO Editor | 23 |
| Component Groups | 23 |
| Create New Group | 23 |
| Component Groups List | 25 |
| Actions | 25 |

| | |
|--|-----------|
| View Group | 25 |
| Edit Group | 26 |
| Add User to Group | 26 |
| Delete User From Group | 27 |
| Delete Group | 27 |
| Move Components Between Groups | 28 |
| API (Application Programming Interface) | 30 |
| Change Log | 31 |

Contact Information

Send questions, feedback, issues, and bugs regarding this guide to the Collection Manager Support email at ncei.collection-manager.support@noaa.gov. If an issue or bug, include steps required to replicate it. Additionally, provide your name and contact information if you wish to be contacted for issue clarification and/or to receive updates on the status of the issue.

Acknowledgements

Special thanks to Charlie Burris, Jerri Lynn Reeves, and John Relph for their technical input

Overview

The purpose of Docucomp is to save users' time and promote reusability. If users need to create multiple metadata records with the same data content, they can create XML components in Docucomp and directly import the components into their XML or metadata records in CoMET as Xlinks. This manual demonstrates how to create and edit XML components and component groups, and how to insert XML components as Xlinks into metadata records using CoMET ISO Editor.

Helpful Quickfacts

1. An XML component is a snippet of [ISO 19139 XML](#) (see page 9 of link)
2. Components are inserted into metadata records via Xlinks
3. Xlinks are used to create hyperlinks in XML documents
4. Component Groups are used to group related components together. Editors can create and manage components within their own groups
5. If a user updates an in-use XML Component, the user must republish records in CoMET OR run a WAF on-demand in [Metaserver](#)

Limited Access

Note: Some functions may be accessed without logging in

- Access Docucomp at <https://data.noaa.gov/Docucomp/>

The screenshot displays the Docucomp Component Manager web interface. The top navigation bar is dark blue with the Docucomp logo (a code icon) and the text "DOCUCOMP | Component Manager" and "NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION". On the right, there are links for "Log In" and "Dark Mode Off", and a dropdown menu with "Component Tools", "Access Apps", and "User Guides". Below the navigation bar is a blue banner with the text "Welcome to Docucomp" and "The home of component metadata authoring.", with a "Login to Manage Components" button. Below the banner is a "Filter & Search Components" section with a table of filters.

| Filter | Value |
|-------------------|--|
| Component Group ⓘ | -- Select a Value -- |
| XML Content | Examples: NCEI, gov.noaa.ncdc:C00011, Weather |
| UUID | Examples: 46d6896b-4bf0-4c8f-9deb-4dc4299a8566, 46d6896b, etc |
| Component Name | Examples: Citation NCEI Official Archive Branch, ResponsibleParty, Keywords NCEI-NC Oce. |
| Last Updater | Examples: user.name, bob, curly, moe |

Filter & Search Components

- Hover over blue and white 'i' for 'Component Group Details'
- To view all components, click 'List Components' button
- To view components from a specific group, select group from 'Component Group' drop-down menu
- Apply other filter(s), if desired

Filter & Search Components

Component Group ⓘ

-- Select a Value --

XML Content

Examples: NCEI, gov.noaa.ncdc:C00011, Weather

UUID

Examples: 46d6896b-4bf0-4c8f-9deb-4dc4299a8566, 46d6896b, etc

Component Name

Examples: Citation NCEI Official Archive Branch, ResponsibleParty, Keywords NCEI-NC Ocar

Last Updater

Examples: user.name, bob, curly, moe

List Components

Reset Filters

- Page loads with Filter & Search Components and Components List

Filter & Search Components

Component Group ⓘ

-- Select a Value --

XML Content

Examples: NCEI, gov.noaa.ncdc:C00011, Weather

UUID

Examples: 46d6896b-4bf0-4c8f-9deb-4dc4299a8566, 46d6896b, etc

Component Name

Examples: Citation NCEI Official Archive Branch, ResponsibleParty, Keywords NCEI-NC Oceans

Last Updater













Examples: user.name, bob, curly, moe

List Components

Reset Filters

Components List

Showing 1 to 10 of 4766 records

| Actions | Component Name ↕ | Last Updater ↕ | Last Updated ▼ | Group |
|---|---|-------------------|-------------------------|-----------------------------|
|    | Test with No ISO | jerri.reeves | 2023-03-09 09:27:27 EST | TEST GROUP |
|    | Jakub Kircun - principalInvestigator | veronica.martinez | 2023-03-02 16:56:52 EST | NOAA Master Component Group |
|    | USGS St. Petersburg Coastal and Marine Science Center (SPCMSC) Samples Repository | clint.edrington | 2023-02-17 13:58:22 EST | NOAA Master Component Group |
|    | NOAA National Centers for Environmental Information (pointOfContact) CI_ResponsibleParty 440b3ac2-64a5-46e2-9846-38305718b644 | frederick.gunther | 2023-02-08 14:24:16 EST | NOAA Master Component Group |

Components List

Actions

- Click Action link below for instructions



[View Component](#)



[Copy Xlink](#)



[View XML](#)

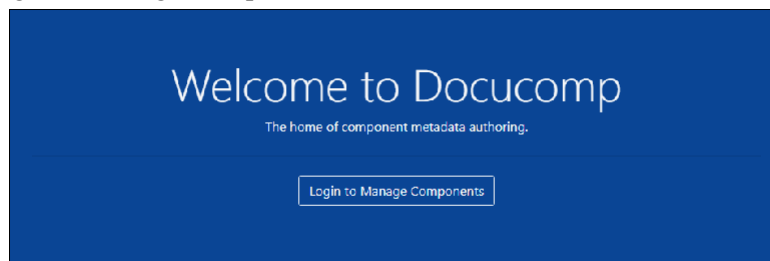
New Users

Note: Manager must approve access

- Email: ncei.collection-manager.support@noaa.gov
- Subject:
 - New User for Docucomp for *employee name*
- Body:
 - Employee's Contact information
 - Associated program or agency
 - Component Group(s) to be accessed
 - If Component Group is unknown, user will be assigned to default Component Group 'NOAA Master Component Group'
 - User may create/edit components here until appropriate Component Group is determined
 - Intended usage
 - Include if ability to create Component Groups is required
 - New users will be assigned default user role ROLE_EDIT

Log In for Full Access

- Access Docucomp at <https://data.noaa.gov/Docucomp/>
- Select 'Login to Manage Components'

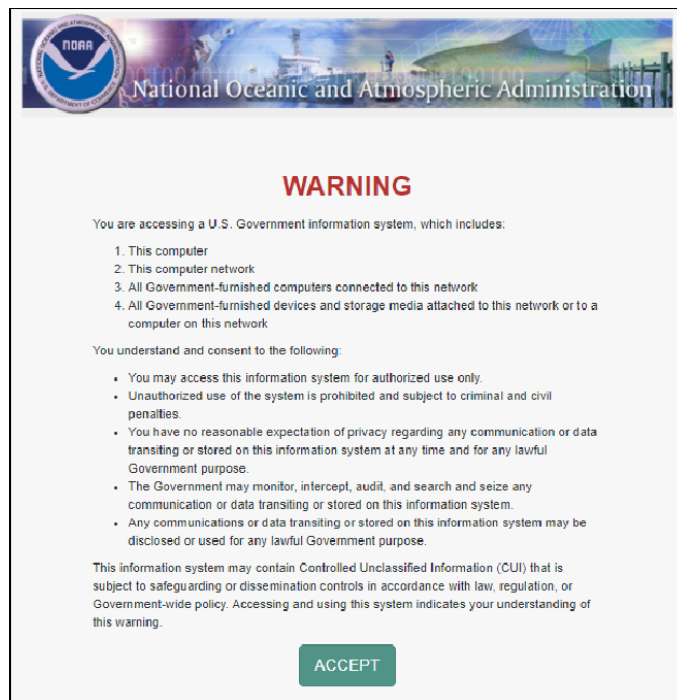


- Enter Username (email address without @noaa.gov) and email password OR
- Below External Identity Providers, click 'NOAA ICAM SSO' button (recommended)

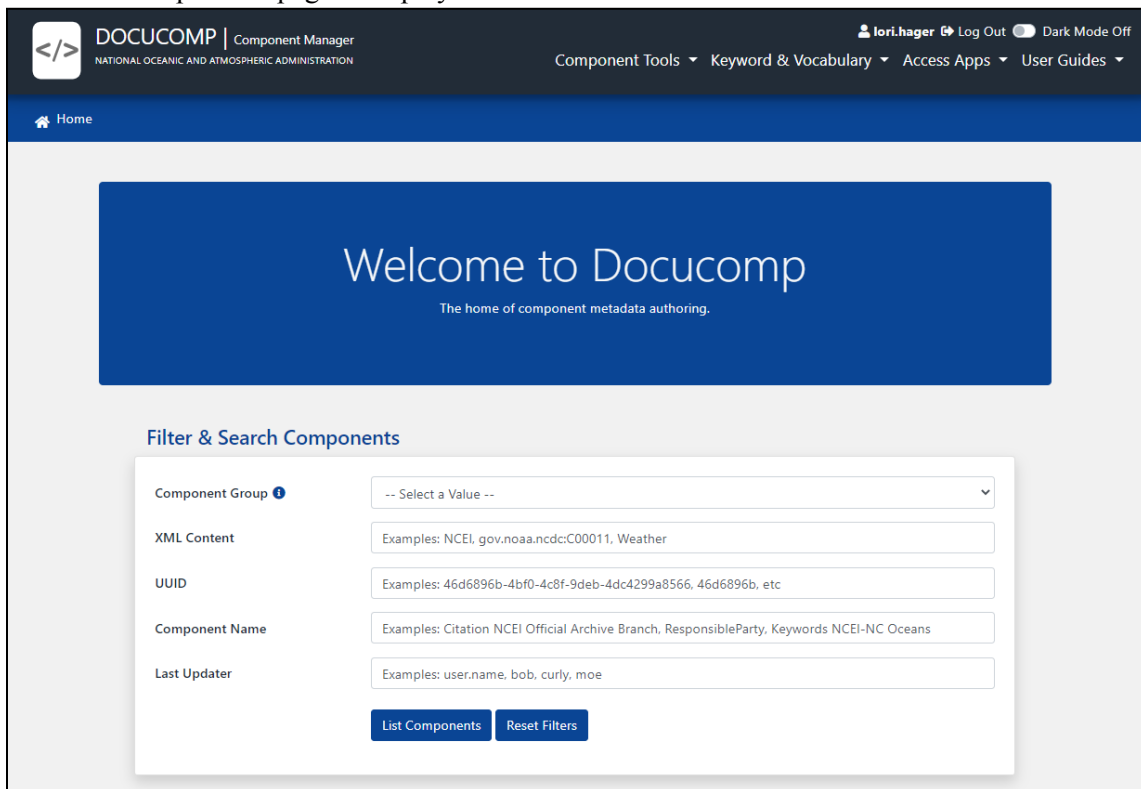
- 'Select a certificate', if prompted
 - Select same certificate used when logging into work computer

- Enter CAC PIN

- After authentication, a Warning page is displayed
 - Click 'Accept' to proceed



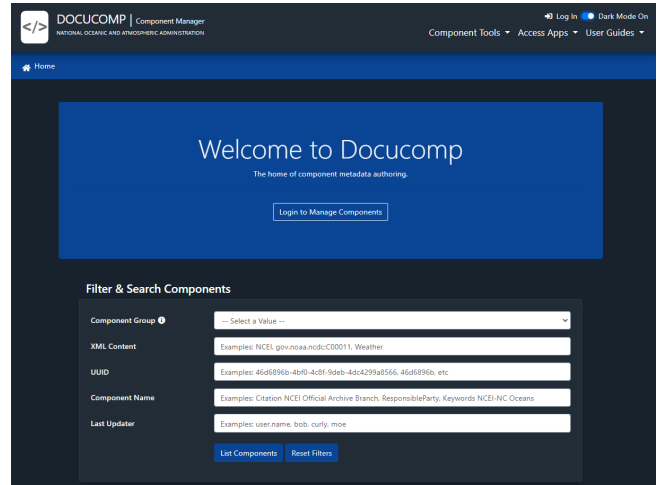
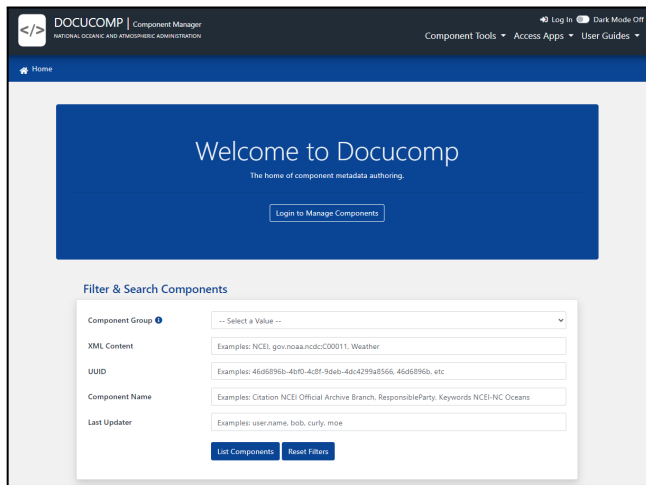
- Docucomp Home page is displayed



Viewing Options

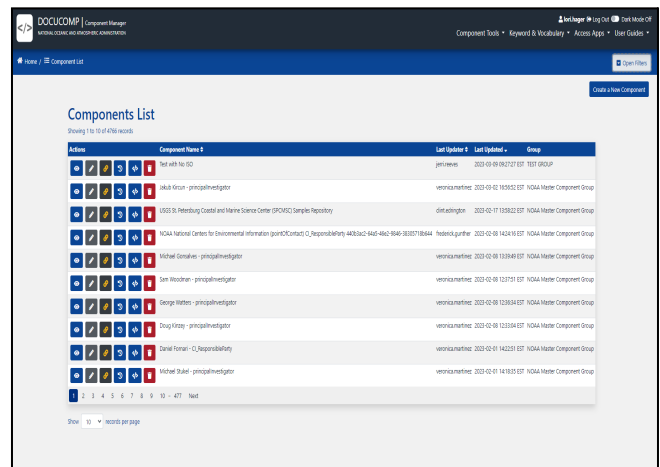
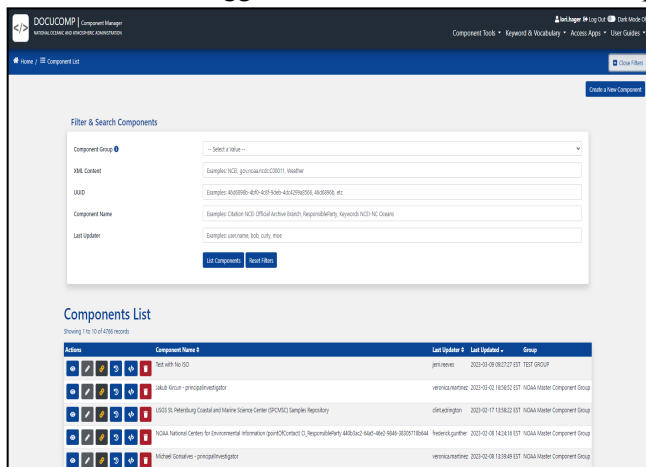
Dark Mode

- Toggle button for ‘Dark Mode’ at top right corner of screen
 - ‘Dark Mode Off’ or ‘Dark Mode On’



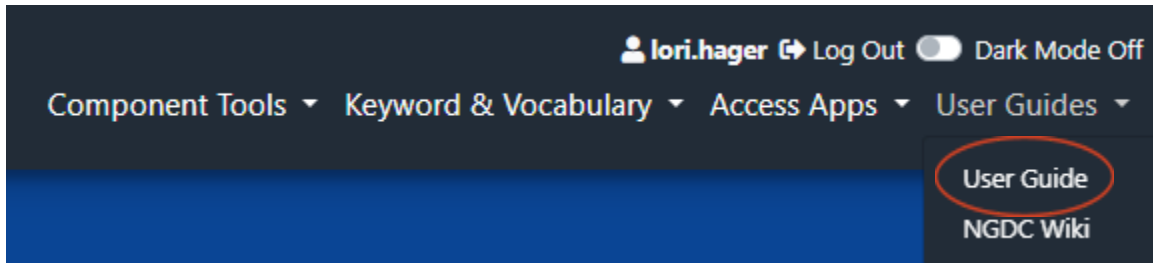
Streamline Page

- Click ‘Close Filters’
 - Toggle between ‘Close Filters’ and ‘Open Filters’



Link to Docucomp User Guide

- At top right corner, click 'User Guides' drop-down
 - Select 'User Guide'



- Metadata site opens in new tab
 - In DOCUCOMP section, below RESOURCES, click link 'Docucomp User Guide'

Docucomp

[Docucomp](#) is a NOAA-owned web application for inserting, editing, and managing XML components, which are chunks of XML that describe specific pieces of metadata content. They are stored in a database and managed with [REST](#) web services. The REST services support insert, search, update and delete operations. You will need a NOAA account to use docucomp.

[Launch Docucomp](#)

Resources

- [Docucomp User Guide](#)
- [Docucomp Component Management System](#)

Filter & Search Components

- Filter panel allows limiting number of components by various criteria
 - Filter components by:
 - Component Group
 - Hover over blue and white ‘i’ for ‘Component Group Details’
 - XML Content
 - UUID
 - Automatically generated or use own from XML
 - Component Name
 - Last Updater
 - Click ‘List Components’ to apply filter(s)
 - Click ‘Reset Filters’ to clear filter(s)

Filter & Search Components

Component Group ⓘ

-- Select a Value --

XML Content

Examples: NCEI, gov.noaa.ncdc:C00011, Weather

UUID

Examples: 46d6896b-4bf0-4c8f-9deb-4dc4299a8566, 46d6896b, etc

Component Name

Examples: Citation NCEI Official Archive Branch, ResponsibleParty, Keywords NCEI-NC Oceans

Last Updater

Examples: user.name, bob, curly, moe

List Components

Reset Filters





























































Components List

Actions

[View Component](#)[Edit Component](#)[Copy Xlink](#)[View Revision History](#)[View XML](#)[Delete this component](#)

Components List

Showing 1 to 10 of 22 records

| Actions | Component Name ↕ | Last Updater ↕ | Last Updated ▾ | Group |
|---|--|-----------------|-------------------------|------------|
|       | Test with No ISO | jerri.reeves | 2023-03-09 09:27:27 EST | TEST GROUP |
|       | sprint demo test | jerri.reeves | 2022-09-22 11:23:10 EDT | TEST GROUP |
|       | pre-demo test | jerri.reeves | 2022-09-21 10:45:50 EDT | TEST GROUP |
|       | CI_ResponsibleParty (pointOfContact) Reeves, Jerri | jerri.reeves | 2022-09-14 14:49:43 EDT | TEST GROUP |
|       | reponsiblePartyTest3_rb090722 | rebecca.bickett | 2022-09-07 14:15:35 EDT | TEST GROUP |
|       | reponsiblePartyTest2_rb090722 | rebecca.bickett | 2022-09-07 10:08:57 EDT | TEST GROUP |
|       | reponsiblePartyTest_rb090722 | rebecca.bickett | 2022-09-07 13:32:26 EDT | TEST GROUP |
|       | BeckysFirst Component | rebecca.bickett | 2022-09-06 12:07:46 EDT | TEST GROUP |
|       | LHager_Test 13 | lori.hager | 2022-09-02 10:33:51 EDT | TEST GROUP |
|       | ResponsibleParty_API_Test_3 | jerri.reeves | 2022-08-24 11:47:33 EDT | TEST GROUP |

1 2 3 Next

Show 10 records per page



Actions



View Component

- Click Eye icon to View Component
 - ‘Show Component’ tab opens

Show Component



Component Name: responsiblePartyTest3_rb090722

Component Group: TEST GROUP

Date Created: 2022-09-07 14:15:35.11

Last Updated By: rebecca.bickett

Last Updated: 2022-09-07 14:15:35.11

UUID: 25eba8fb-22f1-4b30-a262-f84238369d75

XML

```
<gmd:CI_ResponsibleParty xmlns:gmd="http://www.isotc211.org/2005/gmd" xmlns:gco="http://www.isotc211.org/2005/gco">
  <gco:CharacterString>
    rb090722TestRespParty
  </gco:CharacterString>
</gmd:individualName>
<gmd:organisationName>
  <gco:CharacterString>
    National Centers for Environmental Information
  </gco:CharacterString>
</gmd:organisationName>
<gmd:positionName>
  <gco:CharacterString>
    Test Position
  </gco:CharacterString>
</gmd:positionName>
<gmd:role>
  <gmd:CI_RoleCode codeList="https://data.noaa.gov/resources/iso19139/schema/resources/Codelist/gmxc
    coAuthor
  </gmd:CI_RoleCode>
</gmd:role>
</gmd:CI_ResponsibleParty>
```

- In top right corner of screen ‘View Revision History’, ‘Edit Component’, and ‘Delete this component’ features for this component may be accessed



Edit Component

- Click Pencil icon to Edit Component
 - 'Edit Component' tab opens
 - Apply edits
 - Click 'Update'

Edit Component

Component Name (required) ⓘ

Component Group (required) ⓘ

TEST GROUP ▼

XML (required)

```
<gmd:CI_ResponsibleParty
xmlns:gmd="http://www.isotc211.org/2005/gmd"
xmlns:gco="http://www.isotc211.org/2005/gco"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:schemaLocation="http://www.isotc211.org/2005/gmi
https://data.noaa.gov/resources/iso19139/schema.xsd"
uuid="25eba8fb-22f1-4b30-a262-f84238369d75">
  <gmd:individualName>
  <gco:CharacterString>
```

Update

- Get message 'XmlComponent . . . updated successfully!' message

⚠ XmlComponent responsiblePartyTest3_rb090722 updated succesfully!

- If user inserts poorly formed XML, a new tab opens with red 'Failed to save component group ... XML is not well formed' message
 - Changes will not be saved

⚠ Failed to save component group...XML is not well formed.



Copy Xlink

- Click Link icon to Copy Xlink
 - Get message ‘Docucomp Xlink copied to clipboard successfully!’

Docucomp Xlink copied to clipboard successfully!

Note:

- **Only use Copy Xlink functionality when injecting component directly into XML**
- **Not recommended to use this functionality when inserting Xlinks into CoMET via ISO Editor**
- **See CoMET User Guide for instructions to insert Xlinks into CoMET’s ISO Editor**



View Revision History

- Click Revert icon to View Revision History
- Each time a record is saved, Date and Updater are noted

| Revision History: responsiblePartyTest3_rb090722 | | | |
|--|-------------------------|-----------------------------|---|
| Compare Versions | | Showing 1 to 3 of 3 records | |
| Version | Date | Updater | Action |
| <input type="checkbox"/> | 2023-03-10 15:34:29.735 | lori.hager | View XML |
| <input type="checkbox"/> | 2023-03-10 15:33:26.194 | lori.hager | View XML Revert |
| <input type="checkbox"/> | 2022-09-07 14:15:35.11 | rebecca.bickett | View XML Revert |

Compare Two Versions

- Check Version boxes of records to be compared
 - Clicking red ‘X’ in bottom right corner will deselect checks in Version box
- Click ‘Compare Versions’

| Revision History: responsiblePartyTest3_rb090722 | | | |
|--|-------------------------|-----------------------------|---|
| Compare Versions | | Showing 1 to 3 of 3 records | |
| Version | Date | Updater | Action |
| <input type="checkbox"/> | 2023-03-10 15:34:29.735 | lori.hager | View XML |
| <input checked="" type="checkbox"/> | 2023-03-10 15:33:26.194 | lori.hager | View XML Revert |
| <input checked="" type="checkbox"/> | 2022-09-07 14:15:35.11 | rebecca.bickett | View XML Revert |

- Below 'Version', numbers in left column refer to older version and numbers in right column refer to more recent version

Compare Versions

reponsiblePartyTest3_rb090722

Number of differences: 1 differences from 1 line of code.

| Version (72922) vs. (74187) | | |
|-----------------------------|----|---|
| 1 | 1 | <gmd:CI_ResponsibleParty |
| 2 | | xmlns:gmd="http://www.isotc211.org/2005/gmd" |
| | 2 | xmlns:gmd="http://www.isotc211.org/2004/gmd" |
| - 3 | 3 | xmlns:gco="http://www.isotc211.org/2005/gco" |
| 4 | 4 | xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" |
| 5 | 5 | xsi:schemaLocation="http://www.isotc211.org/2005/gmi https://data.noaa.gov/resources/iso19139/schema.xsd" |
| 6 | 6 | uuid="25eba8fb-22f1-4b30-a262-f84238369d75"> |
| 7 | 7 | <gmd:individualName> |
| 8 | 8 | <gco:CharacterString> |
| 9 | 9 | rb090722TestRespParty |
| 10 | 10 | </gco:CharacterString> |
| 11 | 11 | </gmd:individualName> |
| 12 | 12 | <gmd:organisationName> |
| 13 | 13 | <gco:CharacterString> |
| 14 | 14 | National Centers for Environmental Information |
| 15 | 15 | </gco:CharacterString> |
| 16 | 16 | </gmd:organisationName> |
| 17 | 17 | <gmd:positionName> |
| 18 | 18 | <gco:CharacterString> |
| 19 | 19 | Test Position |
| 20 | 20 | </gco:CharacterString> |
| 21 | 21 | </gmd:positionName> |
| 22 | 22 | <gmd:role> |

View Component's XML from Revision History Page

- Action
 - Below Action, click 'View XML'

Revision History: responsiblePartyTest3_rb090722

Compare Versions Showing 1 to 4 of 4 records

| Version | Date | Updater | Action |
|--------------------------|-------------------------|-----------------|---|
| <input type="checkbox"/> | 2023-03-10 15:48:39.752 | lori.hager | View XML |
| <input type="checkbox"/> | 2023-03-10 15:34:29.735 | lori.hager | View XML Revert |
| <input type="checkbox"/> | 2023-03-10 15:33:26.194 | lori.hager | View XML Revert |
| <input type="checkbox"/> | 2022-09-07 14:15:35.11 | rebecca.bickett | View XML Revert |

- XML for selected component opens in new tab

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<gmd:CI_ResponsibleParty xmlns:gmd="http://www.isotc211.org/2005/gmd" xmlns:gco="http://www.isotc211.org/2005/gco"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.isotc211.org/2005/gmi
https://data.noaa.gov/resources/iso19139/schema.xsd" uuid="25eba8fb-22f1-4b30-a262-f84238369d75">
  <gmd:individualName>
    <gco:CharacterString> rb090722TestRespParty </gco:CharacterString>
  </gmd:individualName>
  <gmd:organisationName>
    <gco:CharacterString> National Centers for Environmental Information </gco:CharacterString>
  </gmd:organisationName>
  <gmd:positionName>
    <gco:CharacterString> Test Position </gco:CharacterString>
  </gmd:positionName>
  <gmd:role>
    <gmd:CI_RoleCode codeList="https://data.noaa.gov/resources/iso19139/schema/resources/Codelist/gmxCodeLists.xml#CI_RoleCode" codeListValue="coAuthor">
      coAuthor </gmd:CI_RoleCode>
    </gmd:role>
  </gmd:CI_ResponsibleParty>
```

Undo a Change By Reverting To Prior Version

- Recall an earlier version and make it current version
 - On Revision History page check appropriate Version box
 - Clicking red 'X' in bottom right corner will deselect check(s) in Version box
 - Click its 'Revert' button

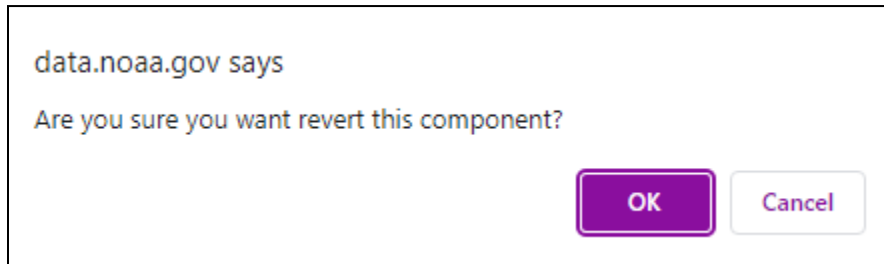
Revision History: LHager_Test 10

Compare Versions Showing 1 to 5 of 5 records

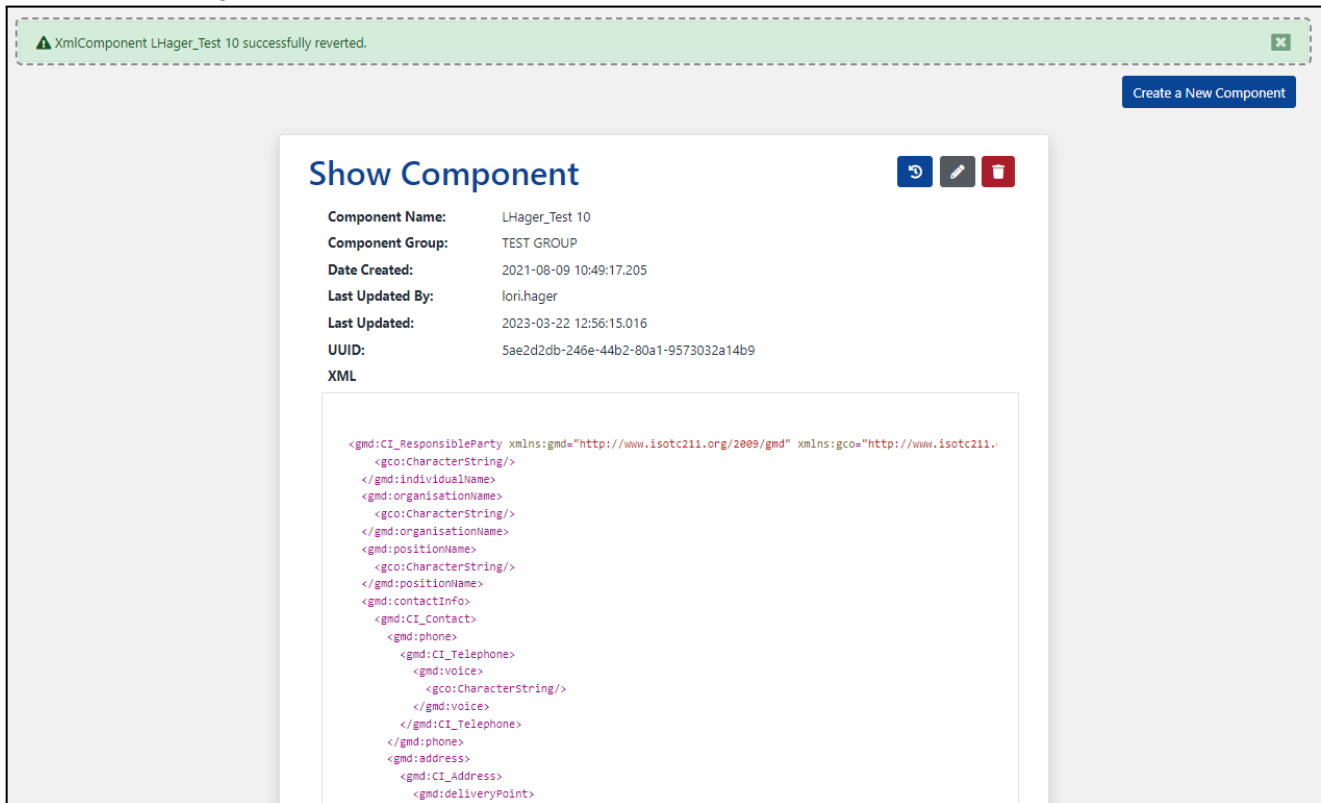
| Version | Date | Updater | Action |
|-------------------------------------|-------------------------|------------|---|
| <input type="checkbox"/> | 2021-12-07 11:14:45.64 | lori.hager | View XML |
| <input checked="" type="checkbox"/> | 2021-12-07 11:14:01.107 | lori.hager | View XML Revert |
| <input type="checkbox"/> | 2021-08-09 14:55:41.721 | lori.hager | View XML Revert |
| <input type="checkbox"/> | 2021-08-09 13:59:57.61 | lori.hager | View XML Revert |
| <input type="checkbox"/> | 2021-08-09 10:49:17.205 | lori.hager | View XML Revert |

[X](#)

- Click 'OK'



- 'Show XML Component' page opens with green 'XMLComponent . . . successfully reverted.' message





View XML

- Click View XML icon to View XML
 - New tab opens

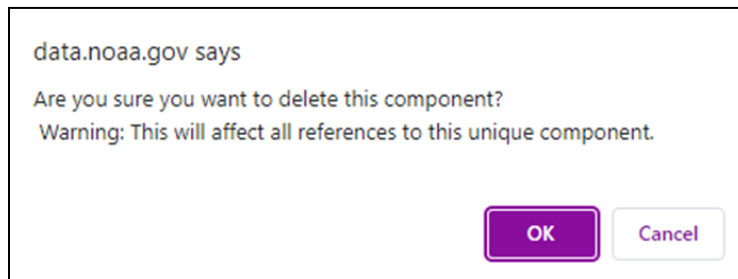
This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<gmd:CI_ResponsibleParty xmlns:gmd="http://www.isotc211.org/2005/gmd" xmlns:gco="http://www.isotc211.org/2005/gco" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.isotc211.org/2005/gmi https://data.noaa.gov/resources/iso19139/schema.xsd" uid="25eba8fb-22f1-4b30-a262-f84238369d75">
  <gmd:individualName>
    <gco:CharacterString> rb090722TestRespParty </gco:CharacterString>
  </gmd:individualName>
  <gmd:organisationName>
    <gco:CharacterString> National Centers for Environmental Information </gco:CharacterString>
  </gmd:organisationName>
  <gmd:positionName>
    <gco:CharacterString> Test Position </gco:CharacterString>
  </gmd:positionName>
  <gmd:role>
    <gmd:CI_RoleCode codeList="https://data.noaa.gov/resources/iso19139/schema/resources/CodeList/gmxCodeLists.xml#CI_RoleCode" codeListValue="coAuthor"> coAuthor </gmd:CI_RoleCode>
  </gmd:role>
</gmd:CI_ResponsibleParty>
```

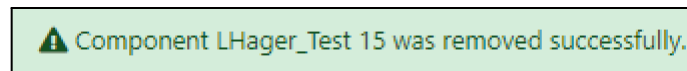


Delete this component

- Click Trash icon to Delete Component
 - Message Box appears



- Click 'Cancel' to return to XML Component List
- Click 'OK' to delete
 - Green Message 'Component . . . was removed successfully' appears

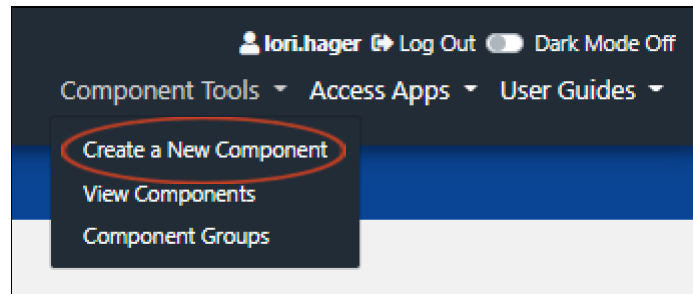


Note: User must republish records in CoMET or run a WAF OnDemand in Metaserver to fully remove XML Component from records

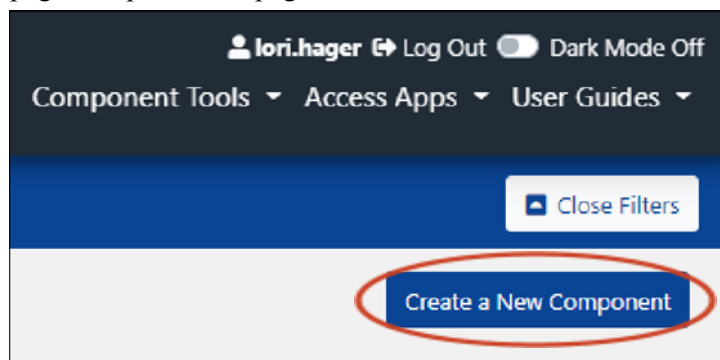
Component Tools

Create New Component

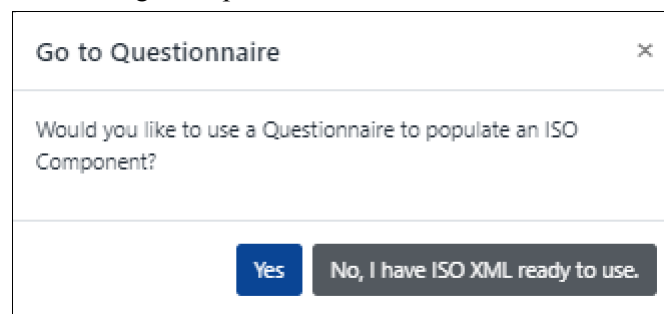
- On Home page, 'Component Tools' drop-down menu, click 'Create a New Component'



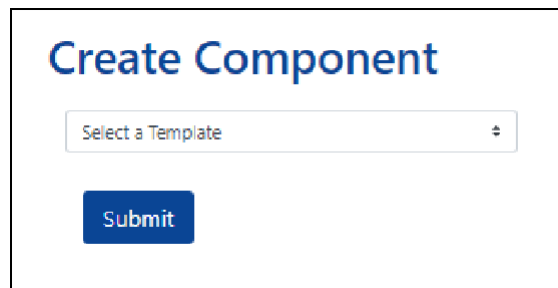
- OR, if on Component List page, click 'Create a New Component' button
 - May also click 'Create a New Component' button from other pages on site
 - Any page except 'Home' page



- 'Go to Questionnaire' dialog box opens

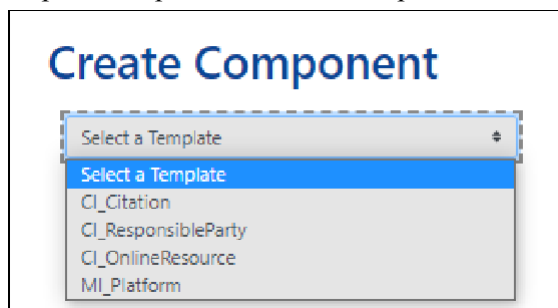


- Select 'No, I have ISO XML ready to use' if using complete, well-formed ISO XML Snippet
 - Click [here](#) for guidance
- If 'Yes' is selected, 'Create Component' message appears



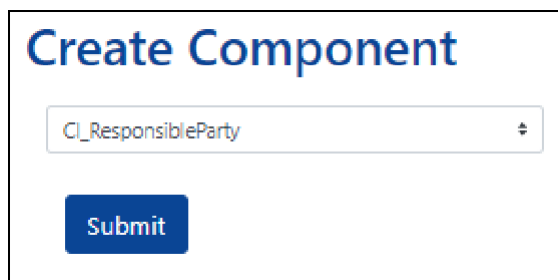
The screenshot shows a form titled "Create Component". It features a dropdown menu with the placeholder text "Select a Template" and a blue "Submit" button below it.

- From 'Select a Template' drop-down, select a template



The screenshot shows the "Create Component" form with the dropdown menu open. The menu lists the following options: "Select a Template" (highlighted in blue), "CI_Citation", "CI_ResponsibleParty", "CI_OnlineResource", and "MI_Platform".

- Click 'Submit'



The screenshot shows the "Create Component" form with "CI_ResponsibleParty" selected in the dropdown menu. The blue "Submit" button is visible below the dropdown.

- Enter data into fields or select value from drop-down menu
 - Field titles will vary, depending on template selected
 - Required fields are indicated by a vertical red bar next to field name, as well as text '(required)' after field name
 - Hover mouse over information icons for field details

Create Component: Responsible Party Template

Choose a component group (required) ⓘ

-- Select a Value -- ▾

What would you like to name this component? (required) ⓘ

Responsible Party Information

Individual Name

Organisation Name

Position

Choose a role for this responsible party (required)

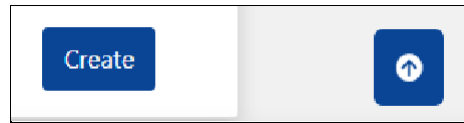
Select a Role ▾

Contact Information

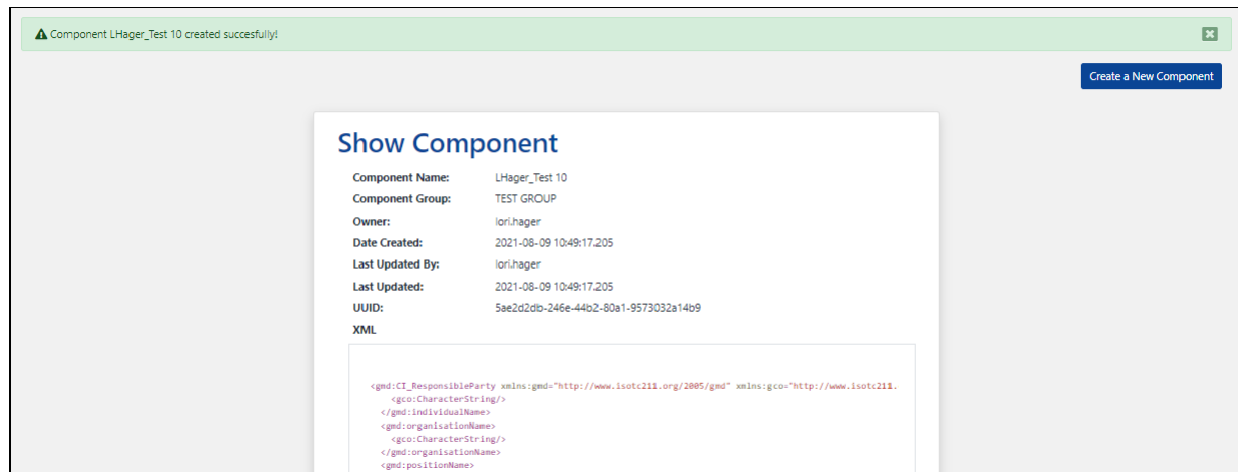
Email address

Note: Components can only be edited directly within its XML

- Scroll to bottom of page and click ‘Create’



- Message appears “Component . . . created successfully!”



ISO XML Snippet

Note: User must have complete, well-formed ISO XML snippets

- Enter data into fields or select value from drop-down menu
 - Required fields are indicated by a vertical red bar next to field name, as well as text '(required)' after field name
 - Hover over blue and white 'i' for field details

Create Component

Component Name (required) ⓘ

LHager_Test 32

Component Group (required) ⓘ

NOAA Master Component Group

XML (required)

```
<gmd:CI_ResponsibleParty
xmlns:gco="http://www.isotc211.org/2005/gco"
xmlns:gmd="http://www.isotc211.org/2005/gmd"
  uuid="440b3ac2-64a5-46e2-9846-38305718b644">
  <gmd:organisationName>
  <gco:CharacterString>NOAA National Centers
for Environmental
Information</gco:CharacterString>
</gmd:organisationName>
```

Create

- Click 'Create'
- Message appears 'XMLComponent . . . created successfully!'

▲ Component LHager_Test 32 created successfully!

Create a New Component

Show Component

Component Name:

LHager_Test 32

Component Group:

NOAA Master Component Group

Date Created:

2023-03-31 14:38:07.927

Last Updated By:

lori.hager

Last Updated:

2023-03-31 14:38:07.927

UUID:

440b3ac2-64a5-46e2-9846-38305718b643

XML

```
<gmd:CI_ResponsibleParty xmlns:gco="http://www.isotc211.org/2005/gco" xmlns:gmd="http://www.isotc211.
<gco:CharacterString>NOAA National Centers for Environmental Information</gco:CharacterString>
</gmd:organisationName>
<gmd:contactInfo>
<gmd:CI_Contact>
<gmd:address>
<gmd:CI_Address>
<gmd:electronicMailAddress>
<gco:CharacterString>ncei.info@noaa.gov</gco:CharacterString>
</gmd:electronicMailAddress>
</gmd:CI_Address>
</gmd:address>
<gmd:onlineResource>
<gmd:CI_OnlineResource>
<gmd:linkage>
<gmd:URL>https://www.ncei.noaa.gov/contact</gmd:URL>
</gmd:linkage>
</gmd:onlineResource>
</gmd:CI_OnlineResource>
</gmd:contactInfo>
</gmd:CI_Contact>
</gmd:organisationName>
</gmd:CI_ResponsibleParty>
```

- If poorly formed XML is inserted into XML field, red error message appears



- Correct XML content and resubmit

Insert Components into CoMET's ISO Editor

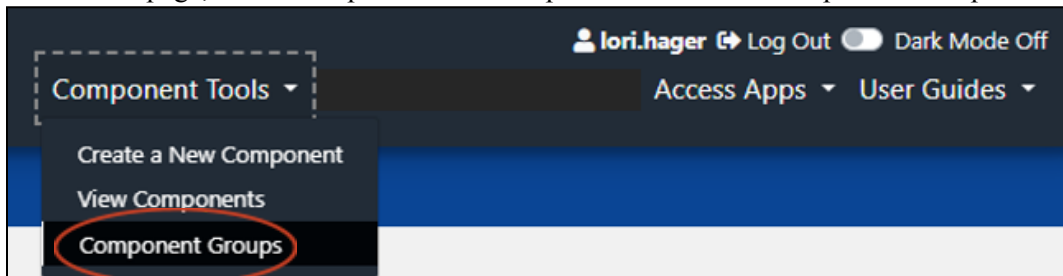
- See [CoMET/DSMQ User Guide](#)

Component Groups

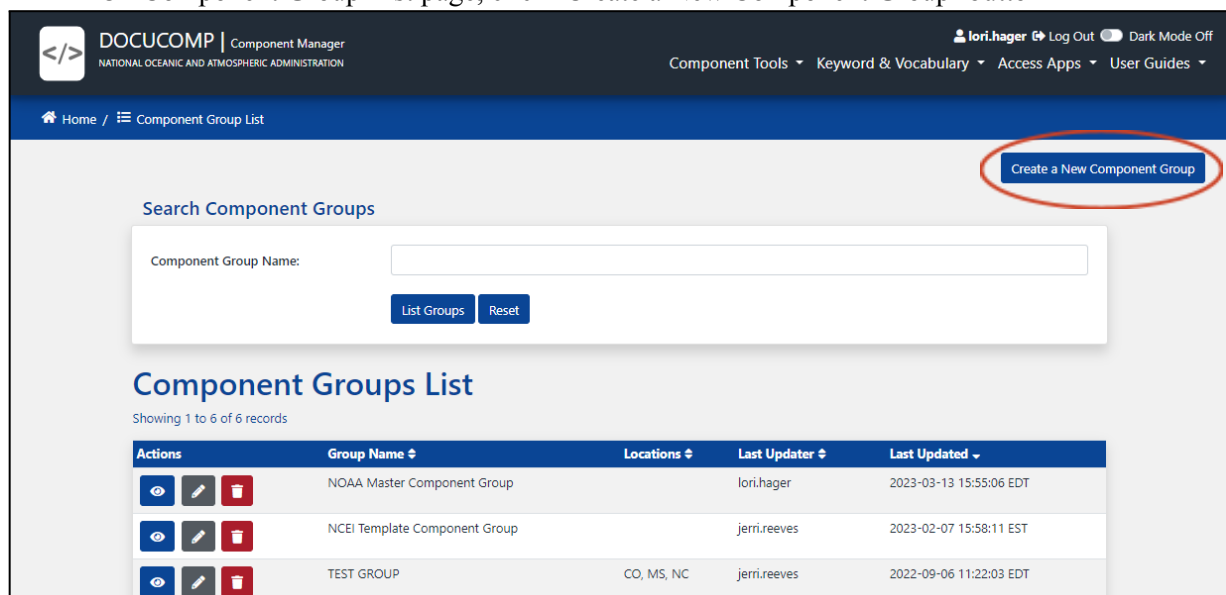
Note: User must have Group role to perform these actions

Create New Group

- Log in
- On Home page, select Component Tools drop-down and click 'Component Groups'



- On Component Group List page, click 'Create a New Component Group' button



- Enter a Group Name
 - Required fields are indicated by a vertical red bar next to field name, as well as text '(required)' after field name
 - Locations and Description are optional
- Click 'Create'

Create Component Group

Group Name (required)

LHager_Test Group

Locations

Description

Test Group

Create

- Message appears “XmlComponentGroup . . . created successfully!”



Create a New Component Group

Show Component Group

Component Group Name:

LHager_Test Group

Description:

Test Group

Last Updated By:

lori.hager

Last Updated:

2023-03-31 16:07:37.312

Date Created:

2023-03-31 16:07:37.312

Component Groups List

Note: User must have Group role to perform these actions

Actions



[View Group](#)



[Edit Group](#)



[Delete Group](#)

Actions



View Group

- Click Eye icon to View Component Group
 - 'Show Component Group' tab opens

Show Component Group



| | |
|------------------------------|-------------------------|
| Component Group Name: | LHager_Test Group |
| Description: | Test Group |
| Last Updated By: | lori.hager |
| Last Updated: | 2023-03-31 16:07:37.312 |
| Date Created: | 2023-03-31 16:07:37.312 |

- Group may be edited or deleted from this page



Edit Group

- Click Pencil icon to Edit Component Group
 - 'Edit Component Group' tab opens
 - Apply edits
 - Click 'Update'

Edit Component Group

Group Name (required)

LHager_Test Group

Group Location

Description

Test Group

Update

Current Users:

lori.hager

Add User

Add User to Group

- From 'Edit Component Group' box, scroll down to list of users
 - Next to 'Add User' button, enter user's name
 - Click 'Add User'

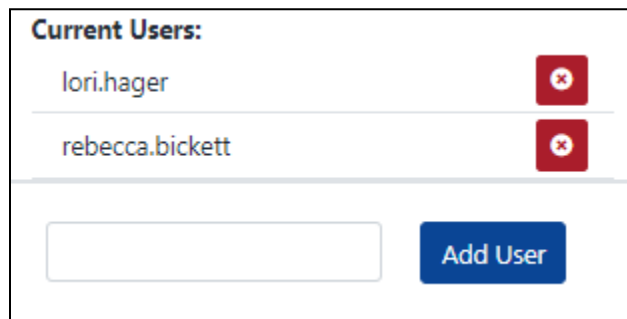
Current Users:

lori.hager


rebecca.bickett


Add User

- User's name is added to list of Current Users



Current Users:

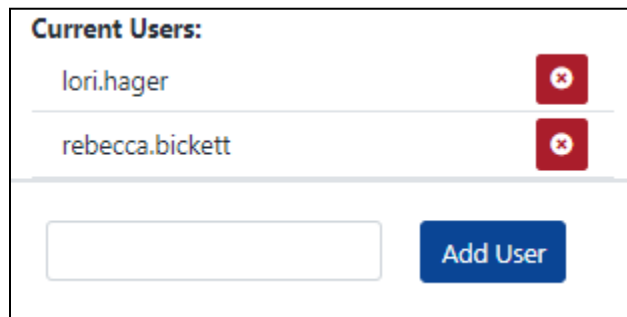
lori.hager 

rebecca.bickett 


Add User


Delete User From Group

- From 'Edit Component Group' box, scroll down to list of users
 - Click the red 'X' next to user's name to be deleted



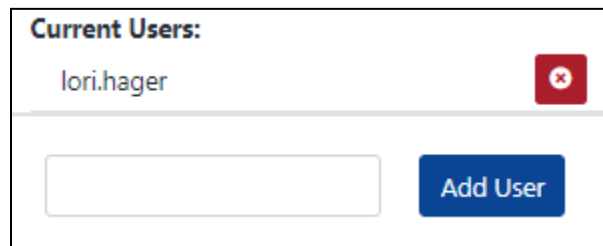
Current Users:

lori.hager 


rebecca.bickett 

Add User

- User's name is removed from list of Current Users



Current Users:

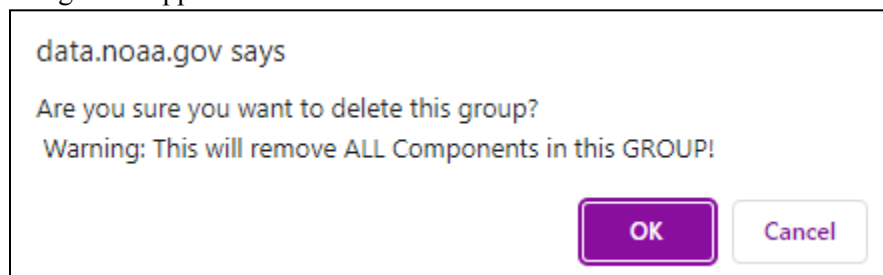
lori.hager 

Add User



Delete Group

- Click Trash icon to Delete Group
 - Message Box appears



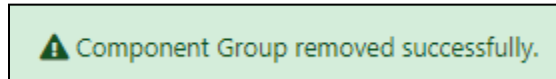
data.noaa.gov says

Are you sure you want to delete this group?

Warning: This will remove ALL Components in this GROUP!

OK **Cancel**

- Click 'Cancel' to return to Component Groups List
- Click 'OK' to delete
- Green Message 'Component Group removed successfully' appears

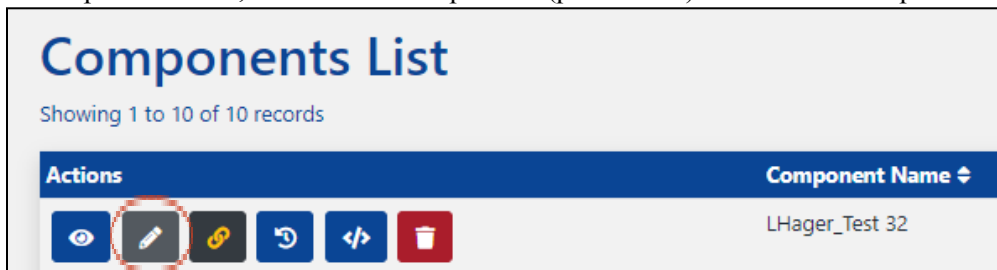


Move Components Between Groups

Note: User must have *Group* role to perform these actions

- Home page, click 'List Components'
 - Apply other filters, if desired

- From 'Components List', select 'Edit Component' (pencil icon) function for component to be moved



- In 'Edit Component' box, select new Component Group from drop-down menu
- Click 'Update'

Edit Component

Component Name (required) ⓘ LHager_Test 32

Component Group (required) ⓘ

XML (required)

NOAA Master Component Group

NOAA Master Component Group

NCEI Template Component Group

TEST GROUP

katy_test_group

Katy_test_group

NOAA/NESDIS/ncei/gis/

<gco:CharacterString>NOAA National Centers for Environmental Information</gco:CharacterString>

</gmd:organisationName>

<gmd:contactInfo>

<gmd:CI_Contact>

Update

- Message appears "XmlComponent . . . updated successfully!"

▲ XmlComponent LHager_Test 32 updated successfully!

Create a New Component

Show Component

Component Name: LHager_Test 32

Component Group: TEST GROUP

Date Created: 2023-03-31 14:38:07.927

Last Updated By: lori.hager

Last Updated: 2023-04-05 10:48:58.613

UUID: 440b3ac2-64a5-46e2-9846-38305718b643

XML

```
<gmd:CI_ResponsibleParty xmlns:gco="http://www.isotc211.org/2005/gco" xmlns:gmd="http://www.isotc211.org/2005/gmd">
  <gco:CharacterString>NOAA National Centers for Environmental Information</gco:CharacterString>
  </gmd:organisationName>
  <gmd:contactInfo>
    <gmd:CI_Contact>
      <gmd:address>
        <gmd:CI_Address>
          <gmd:electronicMailAddress>
            <gco:CharacterString>ncei.info@noaa.gov</gco:CharacterString>
          </gmd:electronicMailAddress>
        </gmd:CI_Address>
      </gmd:address>
    </gmd:CI_Contact>
  </gmd:contactInfo>
</gmd:CI_ResponsibleParty>
```


API (Application Programming Interface)

Docucomp API is a software interface that allows connection between computers or computer programs. It gives users the ability to write programs (scripts) to create/import, export, update, and delete single or multiple XML Components.

Note:

- *Docucomp APIs are intended for users with computer programming experience*
- *To view the complete API documentation, along with code samples, go to [Docucomp API \(v1\)](#)*

Change Log

| Revision Number | Description of Change | Author | Date |
|-----------------|---|-----------------------|-----------|
| NR | New Release | C Luquire, L Hager | 6/28/2021 |
| A | Updated version number on title page and footer; included user interface upgrades; updated screenshots; changed 'Xml Component' to 'Component'; 'View Component' button removed from 'Compare Versions' page | L Hager, C Luquire | 9/07/2021 |
| B | Updated version number on title page; added version number and page number in footer; revised Overview; in Contact Info, replaced OSMC team with collection manager support email; updated screenshots; removed all references to 'owner' and 'component owner'; moved 'Insert Component into ISO Editor' section to CoMET user guide; added functions for users with GROUP role; added link to Docucomp API (v1) | L Hager | 4/05/2023 |