

Developing collections

Collections are a distribution format for Ansible content. You can package and distribute playbooks, roles, modules, and plugins using collections. A typical collection addresses a set of related use cases. For example, the `cisco.ios` collection automates management of Cisco IOS devices.

You can create a collection and publish it to [Ansible Galaxy](#) or to a private Automation Hub instance. You can publish certified collections to the Red Hat Automation Hub, part of the Red Hat Ansible Automation Platform.

```
System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\ansible-
devel\docs\docsite\rst\dev_guide\[ansible-devel][docs][docsite][rst]
[dev_guide]developing_collections.rst, line 11)
```

Unknown directive type "toctree".

```
.. toctree::
    :maxdepth: 2
    :caption: Developing new collections

    developing_collections_creating
    developing_collections_shared
    developing_collections_testing
    developing_collections_distributing
```

```
System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\ansible-
devel\docs\docsite\rst\dev_guide\[ansible-devel][docs][docsite][rst]
[dev_guide]developing_collections.rst, line 20)
```

Unknown directive type "toctree".

```
.. toctree::
    :maxdepth: 2
    :caption: Working with existing collections

    developing_collections_migrating
    developing_collections_contributing
    developing_collections_changelogs
```

```
System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\ansible-
devel\docs\docsite\rst\dev_guide\[ansible-devel][docs][docsite][rst]
[dev_guide]developing_collections.rst, line 28)
```

Unknown directive type "toctree".

```
.. toctree::
    :maxdepth: 2
    :caption: Collections references

    developing_collections_structure
    collections_galaxy_meta
```

For instructions on developing modules, see `ref`developing_modules_general``.

```
System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\ansible-
devel\docs\docsite\rst\dev_guide\[ansible-devel][docs][docsite][rst]
[dev_guide]developing_collections.rst, line 35); backlink
```

Unknown interpreted text role "ref".

```
System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\ansible-
devel\docs\docsite\rst\dev_guide\[ansible-devel][docs][docsite][rst]
[dev_guide]developing_collections.rst, line 37)
```

Unknown directive type "seealso".

```
.. seealso::

    :ref:`collections`
        Learn how to install and use collections in playbooks and roles
    :ref:`contributing_maintained_collections`
        Guidelines for contributing to selected collections
    `Ansible Collections Overview and FAQ <https://github.com/ansible-collections/overview/blob/main/README>`_
        Current development status of community collections and FAQ
    `Mailing List <https://groups.google.com/group/ansible-devel>`_
        The development mailing list
    :ref:`communication_irc`
        How to join Ansible chat channels
```