

## Attributes

The following attributes are available on this element: [universal attributes](#), [link-relationship attributes](#), [@collection-type](#), [@keyref](#), [@keys](#), [@linking](#), [@processing-role](#), and [@toc](#).

## Examples

This section contains examples of how `<subjectdef>` elements can be used.

### Figure 1: Example of defining a set of controlled values

The following code sample shows how `<subjectdef>` elements can be used to define a set of controlled values:

```
<subjectdef keys="values-product">
  <subjectdef keys="free"/>
  <subjectdef keys="premium"/>
</subjectdef>
```

When this set of controlled values is bound to an attribute, the only valid values for the attribute are "free" and "premium".

### Figure 2: Example of defining a simple taxonomy

The following code sample shows how `<subjectdef>` elements can be used to define a simple taxonomy of recreational hobbies:

```
<subjectdef keys="hobbies">
  <subjectdef keys="fiber-arts">
    <subjectdef keys="knitting"/>
    <subjectdef keys="quilting"/>
    <subjectdef keys="sewing"/>
  </subjectdef>
  <subjectdef keys="woodworking">
    <subjectdef keys="scroll-sawing"/>
    <subjectdef keys="whittling"/>
    <subjectdef keys="wood-turning"/>
  </subjectdef>
</subjectdef>
```

The taxonomy might be used to classify DITA topics or maps.

## 2.7 <subjectHead>

The `<subjectHead>` element provides a heading for a group of subjects, for use if the subject scheme is rendered and displayed.

### Usage information

The heading provided by the `<subjectHead>` element might be displayed when a subject scheme is rendered to let users select subjects as part of a faceted browsing experience.

The `<subjectHead>` element does not reference a resource. It also cannot specify either the `@keys` or `@keyref` attribute, so it does not define any controlled values.

### Specialization hierarchy

The `<subjectHead>` element is specialized from `<topicref>`. It is defined in the subject scheme module.

## Attributes

The following attributes are available on this element: [universal attributes](#), [@processing-role](#), [@toc](#), [@collection-type](#), and [@linking](#).

For this element, the following considerations apply:

- The [@collection-type](#) attribute has an expected processing default value of "unordered", although this value is not defaulted in the grammar files. This element limits the available values for [@collection-type](#) to "unordered", "sequence", and "-dita-use-conref-target".
- The [@linking](#) attribute has a default value of "normal", and no other values are valid.

## Example

In the following code sample, the `<subjectHead>` elements define two groupings of subjects and associates labels.

```
<subjectScheme toc="yes" search="no">
  <subjectdef keys="hobbies">
    <subjectdef keys="fiber-arts">
      <subjectHead>
        <subjectHeadMeta>
          <navtitle>Fiber arts</navtitle>
        </subjectHeadMeta>
        <subjectdef keys="knitting" href="knitting.dita"/>
        <subjectdef keys="quilting" href="quilting.dita"/>
        <subjectdef keys="sewing" href="sewing.dita"/>
      </subjectHead>
    </subjectdef>
    <subjectdef keys="woodworking">
      <subjectHead>
        <subjectHeadMeta>
          <navtitle>Woodworking</navtitle>
        </subjectHeadMeta>
        <subjectdef keys="scroll-sawing" href="scroll-sawing.dita"/>
        <subjectdef keys="whittling" href="whittling.dita"/>
        <subjectdef keys="wood-turning" href="woodturning.dita"/>
      </subjectHead>
    </subjectdef>
  </subjectdef>
</subjectScheme>
```

## 2.8 <subjectHeadMeta>

The `<subjectHeadMeta>` element enables a navigation title and short description to be associated with a subject heading, **for use if the subject scheme is rendered and displayed.**

### Specialization hierarchy

The `<subjectHeadMeta>` element is specialized from `<topicmeta>`. It is defined in the subject scheme module.

## Attributes

The following attributes are available on this element: [universal attributes](#).

## Example

See [<subjectHead> \(21\)](#).