# Stage three: #350 Remove Machinery Task

Remove the machinery task and the associated Task requirements domain from the DITA 2.0 specification.

## Champion

Zoë L Lawson

## Tracking information

| Event | Date | Links |
|---|---|---|
| Stage 1 proposal accepted | 3 March 2020 | https://www.oasis-open.org/apps/org/workgroup/dita/email/archives/202003/msg00021.html |
| Stage 2 proposal submitted | 17 March 2020 | http://tools.oasis-open.org/version-control/browse/wsvn/dita/trunk/DITA-2.0/stage-2/Issue350-RemoveMachineryTask.dita  https://www.oasis-open.org/apps/org/workgroup/dita/email/archives/202003/msg00024.html |
| Stage 2 proposal discussed | 19 May 2020 | https://wiki.oasis-open.org/dita/Agenda-19-May-2020 |
| Stage 2 proposal approved | 26 May 2020 | https://lists.oasis-open.org/archives/dita/202005/msg00032.html |
| Stage 3 proposal submitted to reviewers | • Preliminary Review: 28 June 2020  • First Review: 4 July 2020 | • Kris Eberlein  Robert Anderson  • Dawn Stevens  Eliot Kimber |
| Stage 3 proposal (this document) submitted to TC | 27 July 2020 | |

## Approved technical requirements

- Remove the Machinery Task shell and the associated Task requirements domain from the Tech Comm package.
- The RNG and DTD files to support the Machinery Task shell and Task requirements domain will be uploaded to a DITA GitHub repository similar to (https://github.com/oasis-open/dita-stylesheets)

## Dependencies or interrelated proposals

None

## Modified grammar files

The following files must be removed:

- `dtd/machineryIndustry/catalog.xml`
- `dtd/machineryIndustry/machineryTask.dtd`
- `dtd/machineryIndustry/machineryTaskbodyConstraint.mod`
- `dtd/technicalContent/dtd/taskreqDomain.ent`
- `dtd/technicalContent/dtd/taskreqDomain.mod`
- `rng/machineryIndustry/rng/catalog.xml`
- `rng/machineryIndustry/rng/machineryTask.rng`
- `rng/machineryIndustry/rng/machineryTaskbodyConstraintMod.rng`
- `rng/technicalContent/rng/taskreqDomain.rng`

The entire folder `machineryIndustry` can be removed from both the `dtd` and `rng` folders.

## Modified catalog files

The following catalogs must be modified:

In the content below, the following conventions are used:

- Strike-through is used to indicate code to be removed, for example, ~~remove~~.
- Ellipses (…) indicate where code is snipped for brevity.

- The root dtd and rng catalogs that reference `<nextCatalog catalog="machineryIndustry/catalog.xml"/>` .

  – `dtd/catalog.xml`

  ```
  <?xml version="1.0" encoding="UTF-8"?>
  <catalog xmlns="urn:oasis:names:tc:entity:xmlns:xml:catalog">
      <nextCatalog catalog="bookmap/catalog.xml"/>
      <nextCatalog catalog="classificationMap/catalog.xml"/>
      <nextCatalog catalog="machineryIndustry/catalog.xml"/>
      <nextCatalog catalog="technicalContent/catalog.xml"/>
      <nextCatalog catalog="xnal/catalog.xml"/>
  </catalog>
  ```

  – `rng/catalog.xml`

  ```
  <?xml version="1.0" encoding="UTF-8"?>
  <catalog xmlns="urn:oasis:names:tc:entity:xmlns:xml:catalog">
      <nextCatalog catalog="bookmap/catalog.xml"/>
      <nextCatalog catalog="classificationMap/catalog.xml"/>
      <nextCatalog catalog="machineryIndustry/catalog.xml"/>
      <nextCatalog catalog="technicalContent/catalog.xml"/>
      <nextCatalog catalog="xnal/catalog.xml"/>
  </catalog>
  ```

- The Technical Content catalog that references the Task Requirements Domain.

  – `dtd/technicalContent/catalog.xml`

  ```
  ...
      <public publicId="-//OASIS//ELEMENTS DITA 2.0 Task Requirements Domain//EN"
          uri="dtd/taskreqDomain.mod"/>
      <public publicId="-//OASIS//ELEMENTS DITA 2.x Task Requirements Domain//EN"
          uri="dtd/taskreqDomain.mod"/>
      <public publicId="-//OASIS//ENTITIES DITA 2.0 Task Requirements Domain//EN"
          uri="dtd/taskreqDomain.ent"/>
      <public publicId="-//OASIS//ENTITIES DITA 2.x Task Requirements Domain//EN"
          uri="dtd/taskreqDomain.ent"/>
  ...
  ```

  – `rng/technicalContent/catalog.xml`

  ```
  ...
  ```

## Modified terminology

None

## Modified specification documentation

Modify the following topics and maps:

- `dita-techcomm/specification/archSpec/archSpec-technicalContent.ditamap`

  ```
  ...
  <topicref href="technicalContent/dita-machinerytask-topic.dita"/>
  ...
  ```

- `dita-techcomm/specification/langRef/technicalContent-elements.ditamap`

  ```
          ...
          <!--Task requirements domain-->
          <topicref href="containers/mitask-d.dita">
              <topicref href="technicalContent/prelreqs.dita" keys="prelreqs"
  navtitle="prelreqs"/>
              <topicref href="technicalContent/closereqs.dita" keys="closereqs"
  navtitle="closereqs"/>
              <topicref href="technicalContent/reqconds.dita" keys="reqconds"
  navtitle="reqconds"/>
              <topicref href="technicalContent/reqcond.dita" keys="reqcond"
  navtitle="reqcond"/>
              <topicref href="technicalContent/noconds.dita" keys="noconds"
  navtitle="noconds"/>
              <topicref href="technicalContent/reqcontp.dita" keys="reqcontp"
  navtitle="reqcontp"/>
              <topicref href="technicalContent/reqpers.dita" keys="reqpers"
  navtitle="reqpers"/>
              <topicref href="technicalContent/personnel.dita" keys="personnel"
  navtitle="personnel"/>
              <topicref href="technicalContent/perscat.dita" keys="perscat"
  navtitle="perscat"/>
              <topicref href="technicalContent/perskill.dita" keys="perskill"
  navtitle="perskill"/>
              <topicref href="technicalContent/esttime.dita" keys="esttime"
  navtitle="esttime"/>
              <topicref href="technicalContent/supeqli.dita" keys="supeqli"
  navtitle="supeqli"/>
              <topicref href="technicalContent/supequi.dita" keys="supequi"
  navtitle="supequi"/>
              <topicref href="technicalContent/supequip.dita" keys="supequip"
  navtitle="supequip"/>
              <topicref href="technicalContent/nosupeq.dita" keys="nosupeq"
  navtitle="nosupeq"/>
              <topicref href="technicalContent/supplies.dita" keys="supplies"
  navtitle="supplies"/>
              <topicref href="technicalContent/supply.dita" keys="supply"
  navtitle="supply"/>
              <topicref href="technicalContent/supplyli.dita" keys="supplyli"
  navtitle="supplyli"/>
              <topicref href="technicalContent/nosupply.dita" keys="nosupply"
  navtitle="nosupply"/>
              <topicref href="technicalContent/spare.dita" keys="spare" navtitle="spare"/
  >
              <topicref href="technicalContent/spares.dita" keys="spares"
  navtitle="spares"/>
              <topicref href="technicalContent/sparesli.dita" keys="sparesli"
  navtitle="sparesli"/>
  ```

```
            <topicref href="technicalContent/nospares.dita" keys="nospares"
  navtitle="nospares"/>
            <topicref href="technicalContent/nosafety.dita" keys="nosafety"
  navtitle="nosafety"/>
            <topicref href="technicalContent/safecond.dita" keys="safecond"
  navtitle="safecond"/>
            <topicref href="technicalContent/safety.dita" keys="safety"
  navtitle="safety"/>
            </topicref>
...
```

- Confirm the elements are removed from `dita-techcomm/specification/langRef/quick-reference/technicalContent-elements-a-to-z.dita`

```
...
        <sli><xref keyref="closereqs"/></sli>
...
        <sli><xref keyref="esttime"/></sli>
...
        <sli><xref keyref="noconds"/></sli>
        <sli><xref keyref="nosafety"/></sli>
        <sli><xref keyref="nospares"/></sli>
        <sli><xref keyref="nosupeq"/></sli>
        <sli><xref keyref="nosupply"/></sli>
...
        <sli><xref keyref="perscat"/></sli>
        <sli><xref keyref="perskill"/></sli>
...
        <sli><xref keyref="personnel"/></sli>
...
        <sli><xref keyref="prelreqs"/></sli>
...
        <sli><xref keyref="reqcond"/></sli>
        <sli><xref keyref="reqconds"/></sli>
        <sli><xref keyref="reqcontp"/></sli>
        <sli><xref keyref="reqpers"/></sli>
...
        <sli><xref keyref="safecond"/></sli>
        <sli><xref keyref="safety"/></sli>
...
        <sli><xref keyref="spare"/></sli>
        <sli><xref keyref="spares"/></sli>
        <sli><xref keyref="sparesli"/></sli>
...
        <sli><xref keyref="supeqli"/></sli>
        <sli><xref keyref="supequi"/></sli>
        <sli><xref keyref="supequip"/></sli>
        <sli><xref keyref="supplies"/></sli>
        <sli><xref keyref="supply"/></sli>
        <sli><xref keyref="supplyli"/></sli>
...
```

- Confirm the elements are removed from `dita-techcomm/specification/non-normative/elementsMerged.dita`

```
...
    <section id="section_taskreq" product="technicalContent">
      <title>task requirements domain <i>(new in DITA 1.2)</i></title>
      <simpletable id="simpletable_taskreq">
        <sthead>
          <stentry>Element name</stentry>
          <stentry>Specialized from</stentry>
          <stentry>Inherits everything from ancestor?</stentry>
          <stentry>Block/Inline (presentation)</stentry>
          <stentry>Block/Inline (translation)</stentry>
          <stentry>Translatable content?</stentry>
          <stentry>Translatable attributes?</stentry>
        </sthead>
        <strow>
          <stentry><xmlelement>closereqs</xmlelement></stentry>
          <stentry><xmlelement>section</xmlelement>, <xmlelement>postreq</xmlelement></
stentry>
```

```
                <stentry>yes</stentry>
                <stentry>block</stentry>
                <stentry>block</stentry>
                <stentry>yes</stentry>
                <stentry/>
            </strow>
            <strow>
                <stentry><xmlelement>esttime</xmlelement></stentry>
                <stentry><xmlelement>li</xmlelement></stentry>
                <stentry>yes</stentry>
                <stentry>block</stentry>
                <stentry>block</stentry>
                <stentry>yes</stentry>
                <stentry/>
            </strow>
            <strow>
                <stentry><xmlelement>noconds</xmlelement></stentry>
                <stentry><xmlelement>li</xmlelement></stentry>
                <stentry>yes</stentry>
                <stentry>block</stentry>
                <stentry>block</stentry>
                <stentry>yes</stentry>
                <stentry/>
            </strow>
            <strow>
                <stentry><xmlelement>nosafety</xmlelement></stentry>
                <stentry><xmlelement>li</xmlelement></stentry>
                <stentry>yes</stentry>
                <stentry>block</stentry>
                <stentry>block</stentry>
                <stentry>yes</stentry>
                <stentry/>
            </strow>
            <strow>
                <stentry><xmlelement>nospares</xmlelement></stentry>
                <stentry><xmlelement>data</xmlelement></stentry>
                <stentry>yes</stentry>
                <stentry>N/A (metadata)</stentry>
                <stentry>block</stentry>
                <stentry>no</stentry>
                <stentry/>
            </strow>
            <strow>
                <stentry><xmlelement>nosupeq</xmlelement></stentry>
                <stentry><xmlelement>data</xmlelement></stentry>
                <stentry>yes</stentry>
                <stentry>N/A (metadata)</stentry>
                <stentry>block</stentry>
                <stentry>no</stentry>
                <stentry/>
            </strow>
            <strow>
                <stentry><xmlelement>nosupply</xmlelement></stentry>
                <stentry><xmlelement>data</xmlelement></stentry>
                <stentry>yes</stentry>
                <stentry>N/A (metadata)</stentry>
                <stentry>block</stentry>
                <stentry>no</stentry>
                <stentry/>
            </strow>
            <strow>
                <stentry><xmlelement>perscat</xmlelement></stentry>
                <stentry><xmlelement>li</xmlelement></stentry>
                <stentry>yes</stentry>
                <stentry>block</stentry>
                <stentry>block</stentry>
                <stentry>yes</stentry>
                <stentry/>
            </strow>
            <strow>
                <stentry><xmlelement>perskill</xmlelement></stentry>
                <stentry><xmlelement>li</xmlelement></stentry>
                <stentry>yes</stentry>
                <stentry>block</stentry>
```

```
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    <strow>
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        <stentry><xmlelement>li</xmlelement></stentry>
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        <stentry>block</stentry>
        <stentry>block</stentry>
        <stentry>yes</stentry>
        <stentry/>
    </strow>
    <strow>
        <stentry><xmlelement>prelreqs</xmlelement></stentry>
        <stentry><xmlelement>section</xmlelement>, <xmlelement>prereq</xmlelement></
stentry>
        <stentry>yes</stentry>
        <stentry>block</stentry>
        <stentry>block</stentry>
        <stentry>yes</stentry>
        <stentry/>
    </strow>
    <strow>
        <stentry><xmlelement>reqcond</xmlelement></stentry>
        <stentry><xmlelement>li</xmlelement></stentry>
        <stentry>yes</stentry>
        <stentry>block</stentry>
        <stentry>block</stentry>
        <stentry>yes</stentry>
        <stentry/>
    </strow>
    <strow>
        <stentry><xmlelement>reqconds</xmlelement></stentry>
        <stentry><xmlelement>ol</xmlelement></stentry>
        <stentry>yes</stentry>
        <stentry>block</stentry>
        <stentry>block</stentry>
        <stentry>yes</stentry>
        <stentry/>
    </strow>
    <strow>
        <stentry><xmlelement>reqcontp</xmlelement></stentry>
        <stentry><xmlelement>li</xmlelement></stentry>
        <stentry>yes</stentry>
        <stentry>block</stentry>
        <stentry>block</stentry>
        <stentry>yes</stentry>
        <stentry/>
    </strow>
    <strow>
        <stentry><xmlelement>reqpers</xmlelement></stentry>
        <stentry><xmlelement>ol</xmlelement></stentry>
        <stentry>yes</stentry>
        <stentry>block</stentry>
        <stentry>block</stentry>
        <stentry>yes</stentry>
        <stentry/>
    </strow>
    <strow>
        <stentry><xmlelement>safecond</xmlelement></stentry>
        <stentry><xmlelement>li</xmlelement></stentry>
        <stentry>yes</stentry>
        <stentry>block</stentry>
        <stentry>block</stentry>
        <stentry>yes</stentry>
        <stentry/>
    </strow>
    <strow>
        <stentry><xmlelement>safety</xmlelement></stentry>
        <stentry><xmlelement>ol</xmlelement></stentry>
        <stentry>yes</stentry>
        <stentry>block</stentry>
        <stentry>block</stentry>
```

```
            <stentry>yes</stentry>
            <stentry/>
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        <strow>
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            <stentry><xmlelement>li</xmlelement></stentry>
            <stentry>yes</stentry>
            <stentry>block</stentry>
            <stentry>block</stentry>
            <stentry>yes</stentry>
            <stentry/>
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        <strow>
            <stentry><xmlelement>spares</xmlelement></stentry>
            <stentry><xmlelement>p</xmlelement></stentry>
            <stentry>yes</stentry>
            <stentry>block</stentry>
            <stentry>block</stentry>
            <stentry>yes</stentry>
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        <strow>
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            <stentry><xmlelement>ul</xmlelement></stentry>
            <stentry>yes</stentry>
            <stentry>block</stentry>
            <stentry>block</stentry>
            <stentry>yes</stentry>
            <stentry><xmlatt>spectitle</xmlatt><xref href="elementsMerged.dita#elements/
spectitle" type="fn"/></stentry>
        </strow>
        <strow>
            <stentry><xmlelement>supeqli</xmlelement></stentry>
            <stentry><xmlelement>ul</xmlelement></stentry>
            <stentry>yes</stentry>
            <stentry>block</stentry>
            <stentry>block</stentry>
            <stentry>yes</stentry>
            <stentry><xmlatt>spectitle</xmlatt><xref href="elementsMerged.dita#elements/
spectitle" type="fn"/></stentry>
        </strow>
        <strow>
            <stentry><xmlelement>supequi</xmlelement></stentry>
            <stentry><xmlelement>li</xmlelement></stentry>
            <stentry>yes</stentry>
            <stentry>block</stentry>
            <stentry>block</stentry>
            <stentry>yes</stentry>
            <stentry/>
        </strow>
        <strow>
            <stentry><xmlelement>supequip</xmlelement></stentry>
            <stentry><xmlelement>p</xmlelement></stentry>
            <stentry>yes</stentry>
            <stentry>block</stentry>
            <stentry>block</stentry>
            <stentry>yes</stentry>
            <stentry/>
        </strow>
        <strow>
            <stentry><xmlelement>supplies</xmlelement></stentry>
            <stentry><xmlelement>p</xmlelement></stentry>
            <stentry>yes</stentry>
            <stentry>block</stentry>
            <stentry>block</stentry>
            <stentry>yes</stentry>
            <stentry/>
        </strow>
        <strow>
            <stentry><xmlelement>supply</xmlelement></stentry>
            <stentry><xmlelement>li</xmlelement></stentry>
            <stentry>yes</stentry>
            <stentry>block</stentry>
            <stentry>block</stentry>
```

```
                <stentry>yes</stentry>
                <stentry/>
            </strow>
            <strow>
                <stentry><xmlelement>supplyli</xmlelement></stentry>
                <stentry><xmlelement>ul</xmlelement></stentry>
                <stentry>yes</stentry>
                <stentry>block</stentry>
                <stentry>block</stentry>
                <stentry>yes</stentry>
                <stentry><xmlatt>spectitle</xmlatt><xref href="elementsMerged.dita#elements/
spectitle" type="fn"/></stentry>
            </strow>
        </simpletable>
    </section>
...
```

- Confirm machinery is removed from the description in `specification\archSpec`
  `\technicalContent\dita-technicalContent-InformationTypes.dita`

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE concept PUBLIC "-//OASIS//DTD DITA Concept//EN" "concept.dtd">
<concept id="dita_technicalContent_InformationTypes" xml:lang="en-US">
  <title>Topic and map specializations</title>
  <shortdesc>The Technical Content package contains various document types:
  concept, reference, general task, strict task, machinery task,
  <ph >troubleshooting</ph>, glossary entry, and
  glossary group. These document types are designed specifically for information
  that describes how to use products and processes. The Technical Content package
  also includes the map document type.</shortdesc>
</concept>
```

- Confirm machinery is removed from the description in `specification\introduction\about-`
  `the-dita-specification-technicalContent.dita`

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE concept PUBLIC "-//OASIS//DTD DITA Concept//EN" "concept.dtd">
<concept id="about-the-technical-content-specification">
  <title>About DITA for Technical Communication</title>
  <shortdesc>The DITA technical content specification is designed for users who use
 information
    typing and document complex applications and devices, such as software, hardware,
 medical
    devices, machinery, and more.</shortdesc>
</concept>
```

Remove the following topics:

- `archSpec/base/example-contraints-correct-machinery-task-constraint.html`
  (if exists)
- `dita-techcomm/specification/archSpec/technicalContent/dita-`
  `machinerytask-topic.dita`
- `dita-techcomm/specification/langRef/task-requirements-domain.ditamap`
- `dita-techcomm/specification/langRef/containers/mitask-d.dita`
- `dita-techcomm/specification/langRef/technicalContent/prelreqs.dita`
- `dita-techcomm/specification/langRef/technicalContent/closereqs.dita`
- `dita-techcomm/specification/langRef/technicalContent/reqconds.dita`
- `dita-techcomm/specification/langRef/technicalContent/reqcond.dita`
- `dita-techcomm/specification/langRef/technicalContent/noconds.dita`
- `dita-techcomm/specification/langRef/technicalContent/reqcontp.dita`
- `dita-techcomm/specification/langRef/technicalContent/reqpers.dita`
- `dita-techcomm/specification/langRef/technicalContent/personnel.dita`
- `dita-techcomm/specification/langRef/technicalContent/perscat.dita`

- `dita-techcomm/specification/langRef/technicalContent/perskill.dita`
- `dita-techcomm/specification/langRef/technicalContent/esttime.dita`
- `dita-techcomm/specification/langRef/technicalContent/supeqli.dita`
- `dita-techcomm/specification/langRef/technicalContent/supequi.dita`
- `dita-techcomm/specification/langRef/technicalContent/supequip.dita`
- `dita-techcomm/specification/langRef/technicalContent/nosupeq.dita`
- `dita-techcomm/specification/langRef/technicalContent/supplies.dita`
- `dita-techcomm/specification/langRef/technicalContent/supply.dita`
- `dita-techcomm/specification/langRef/technicalContent/supplyli.dita`
- `dita-techcomm/specification/langRef/technicalContent/nosupply.dita`
- `dita-techcomm/specification/langRef/technicalContent/spare.dita`
- `dita-techcomm/specification/langRef/technicalContent/spares.dita`
- `dita-techcomm/specification/langRef/technicalContent/sparesli.dita`
- `dita-techcomm/specification/langRef/technicalContent/nospares.dita`
- `dita-techcomm/specification/langRef/technicalContent/nosafety.dita`
- `dita-techcomm/specification/langRef/technicalContent/safecond.dita`
- `dita-techcomm/specification/langRef/technicalContent/safety.dita`

## Migration plans for backwards incompatibilities

The Machinery Task domain is going to be removed from DITA 2.0. However, the files will be modified to work with 2.0 and be made available in a DITA GitHub repository similar to (https://github.com/oasis-open/dita-stylesheets).

> **Comment by Zoe**
> The following sentence is based on comments from Dawn, which I agree with.

This will also include the documentation for the elements, based on the content for DITA 1.3.