

<!-- Example topic map for the machine industry DITA SC. Please refer to the proposal documents for the way of thinking-->

<!DOCTYPE topicMap PUBLIC "-//TopicMaps.Org//DTD XML Topic Map (XTM) 1.0//EN" "http://www.topicmaps.org/xtm/1.0/xtm1.dtd">

<topicMap xmlns="http://www.topicmaps.org/xtm/1.0/"
xmlns:xlink="http://www.w3.org/1999/xlink">

<!--Declaration of topic types -->

<topic id="Cards_with_numbers">
 <baseName>
 <baseNameString>Cards with numbers</baseNameString>
 </baseName>
</topic>

<topic id="Cards_with_images">
 <baseName>
 <baseNameString>Cards with images</baseNameString>
 </baseName>
</topic>

<topic id="Heart">
 <baseName>
 <baseNameString>Heart</baseNameString>
 </baseName>
</topic>

<topic id="Diamond">
 <baseName>
 <baseNameString>Diamond</baseNameString>
 </baseName>
</topic>

<!--Declaration of occurrence types -->

<topic id="DITA_diamonds">
 <baseName>
 <baseNameString>DITA diamonds</baseNameString>
 </baseName>
</topic>

<topic id="DITA_hearts">
 <baseName>
 <baseNameString>DITA hearts</baseNameString>
 </baseName>
</topic>

```

<topic id="DITA_clubs">
  <baseName>
    <baseNameString>DITA clubs</baseNameString>
  </baseName>
</topic>

```

```

<topic id="DITA_spades">
  <baseName>
    <baseNameString>DITA spades</baseNameString>
  </baseName>
</topic>

```

<!--Declaration of association types. This example does not include associations between topics, but this is the most powerful feature of topicmaps compared to the regular index. Associations between topics are, for example, to define which tasks that must have been performed before, relationship between machine components and related descriptive topics

```

<topic id="Must_have_been_done_before">
  <baseName>
    <baseNameString>Must have been done before</baseNameString>
  </baseName>
</topic>

```

-->

<!--Declaration of role types. Role types are not included in this example. Examples of role types are “Child”, “Parent” etc.

```

<topic id="Child">
  <baseName>
    <baseNameString>Child</baseNameString>
  </baseName>
</topic>

```

-->

<!--Declaration of topics (cards) with numbers (software components)-->

```

<topic id="No2">
  <instanceOf>
    <topicRef xlink:href="#Cards_with_numbers"/>
  </instanceOf>
  <baseName>
    <baseNameString>Card number 2</baseNameString>
  </baseName>
  <occurrence>
    <instanceOf>
      <topicRef xlink:href="#DITA_diamonds"/>
    </instanceOf>
    <resourceRef xlink:href="Link to DITA topic - diamond number 2"/>
  </occurrence>

```

```

<occurrence>
  <instanceOf>
    <topicRef xlink:href="#DITA_hearts"/>
  </instanceOf>
  <resourceRef xlink:href="Link to DITA topic - heart number 2"/>
</occurrence>
<occurrence>
  <instanceOf>
    <topicRef xlink:href="#DITA_clubs"/>
  </instanceOf>
  <resourceRef xlink:href="Link to DITA topic - clubs number 2"/>
</occurrence>
<occurrence>
  <instanceOf>
    <topicRef xlink:href="#DITA_spades"/>
  </instanceOf>
  <resourceRef xlink:href="Link to DITA topic - spades number 2"/>
</occurrence>
</topic>

```

```

<topic id="No3">
  <instanceOf>
    <topicRef xlink:href="#Cards_with_numbers"/>
  </instanceOf>
  <baseName>
    <baseNameString>Card number 3</baseNameString>
  </baseName>
  <occurrence>
    <instanceOf>
      <topicRef xlink:href="#DITA_diamonds"/>
    </instanceOf>
    <resourceRef xlink:href="Link to DITA topic - diamond number 3"/>
  </occurrence>
  <occurrence>
    <instanceOf>
      <topicRef xlink:href="#DITA_hearts"/>
    </instanceOf>
    <resourceRef xlink:href="Link to DITA topic - heart number 3"/>
  </occurrence>
  <occurrence>
    <instanceOf>
      <topicRef xlink:href="#DITA_clubs"/>
    </instanceOf>
    <resourceRef xlink:href="Link to DITA topic - clubs number 3"/>
  </occurrence>
  <occurrence>
    <instanceOf>
      <topicRef xlink:href="#DITA_spades"/>
    </instanceOf>
  </occurrence>

```

```
    <resourceRef xlink:href="Link to DITA topic - spades number 3"/>
  </occurrence>
</topic>
```

<!--Declaration of topics (cards) with images (hardware components)-->

```
<topic id="Jack">
  <instanceOf>
    <topicRef xlink:href="#Cards_with_images"/>
  </instanceOf>
  <baseName>
    <baseNameString>Jack</baseNameString>
  </baseName>
  <occurrence>
    <instanceOf>
      <topicRef xlink:href="#DITA_diamonds"/>
    </instanceOf>
    <resourceRef xlink:href="Link to DITA topic - diamond jack"/>
  </occurrence>
  <occurrence>
    <instanceOf>
      <topicRef xlink:href="#DITA_hearts"/>
    </instanceOf>
    <resourceRef xlink:href="Link to DITA topic - heart jack"/>
  </occurrence>
  <occurrence>
    <instanceOf>
      <topicRef xlink:href="#DITA_clubs"/>
    </instanceOf>
    <resourceRef xlink:href="Link to DITA topic - clubs jack"/>
  </occurrence>
  <occurrence>
    <instanceOf>
      <topicRef xlink:href="#DITA_spades"/>
    </instanceOf>
    <resourceRef xlink:href="Link to DITA topic - spades jack"/>
  </occurrence>
</topic>
```

```
<topic id="Queen">
  <instanceOf>
    <topicRef xlink:href="#Cards_with_images"/>
  </instanceOf>
  <baseName>
    <baseNameString>Queen</baseNameString>
  </baseName>
  <occurrence>
    <instanceOf>
```

```

    <topicRef xlink:href="#DITA_diamonds"/>
  </instanceOf>
  <resourceRef xlink:href="Link to DITA topic - diamond queen"/>
</occurrence>
<occurrence>
  <instanceOf>
    <topicRef xlink:href="#DITA_hearts"/>
  </instanceOf>
  <resourceRef xlink:href="Link to DITA topic - heart queen"/>
</occurrence>
<occurrence>
  <instanceOf>
    <topicRef xlink:href="#DITA_clubs"/>
  </instanceOf>
  <resourceRef xlink:href="Link to DITA topic - clubs queen"/>
</occurrence>
<occurrence>
  <instanceOf>
    <topicRef xlink:href="#DITA_spades"/>
  </instanceOf>
  <resourceRef xlink:href="Link to DITA topic - spades queen"/>
</occurrence>
</topic>
</topicMap>

```

<!--Declaration of topics (cards) that corresponds to HTA-nodes (within life cycle phases)-->

```

<topic id="King_of_hearts">
  <instanceOf>
    <topicRef xlink:href="#Heart"/>
  </instanceOf>
  <baseName>
    <baseNameString>King of hearts</baseNameString>
  </baseName>
  <occurrence>
    <instanceOf>
      <topicRef xlink:href="#DITA_hearts"/>
    </instanceOf>
    <resourceRef xlink:href="Link to DITA topic - king of hearts"/>
  </occurrence>
  <occurrence>
    <instanceOf>
      <topicRef xlink:href="#DITA_clubs"/>
    </instanceOf>
    <resourceRef xlink:href="Link to DITA topic - king of clubs"/>
  </occurrence>
  <occurrence>
    <instanceOf>
      <topicRef xlink:href="#DITA_spades"/>
    </instanceOf>
    <resourceRef xlink:href="Link to DITA topic - king of spades"/>
  </occurrence>

```

```
    </instanceOf>
    <resourceRef xlink:href="Link to DITA topic - king of spades"/>
  </occurrence>
</topic>
```

```
<topic id="King_of_diamonds">
  <instanceOf>
    <topicRef xlink:href="#Diamond"/>
  </instanceOf>
  <baseName>
    <baseNameString>King of diamonds</baseNameString>
  </baseName>
  <occurrence>
    <instanceOf>
      <topicRef xlink:href="#DITA_diamonds"/>
    </instanceOf>
    <resourceRef xlink:href="Link to DITA topic - king of diamonds"/>
  </occurrence>
  <occurrence>
    <instanceOf>
      <topicRef xlink:href="#DITA_clubs"/>
    </instanceOf>
    <resourceRef xlink:href="Link to DITA topic - king of clubs"/>
  </occurrence>
  <occurrence>
    <instanceOf>
      <topicRef xlink:href="#DITA_spades"/>
    </instanceOf>
    <resourceRef xlink:href="Link to DITA topic - king of spades"/>
  </occurrence>
</topic>
```