

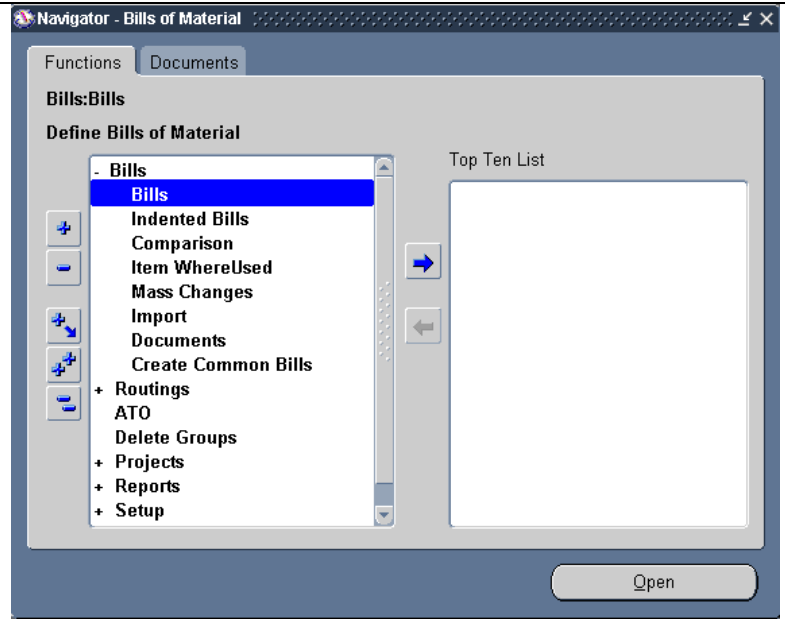
## Bills of Material

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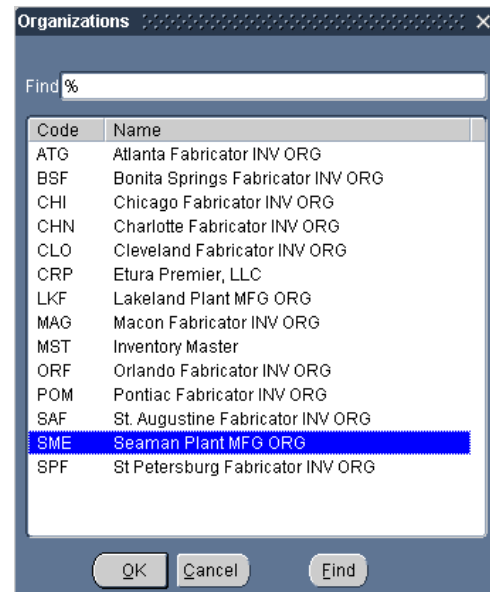
**Bills of Material**

Oracle Manufacturing and Oracle Order Entry use bills of material to store lists of items that are associated with a parent item and information about how each item is related to its parent. Oracle Manufacturing supports standard, model, option class, and planning bills of material.

In order to create a Bill Of Materials, Select Bills from the list of tasks available in the Navigator window



Select the appropriate organization in which a Bill of Material will be created.

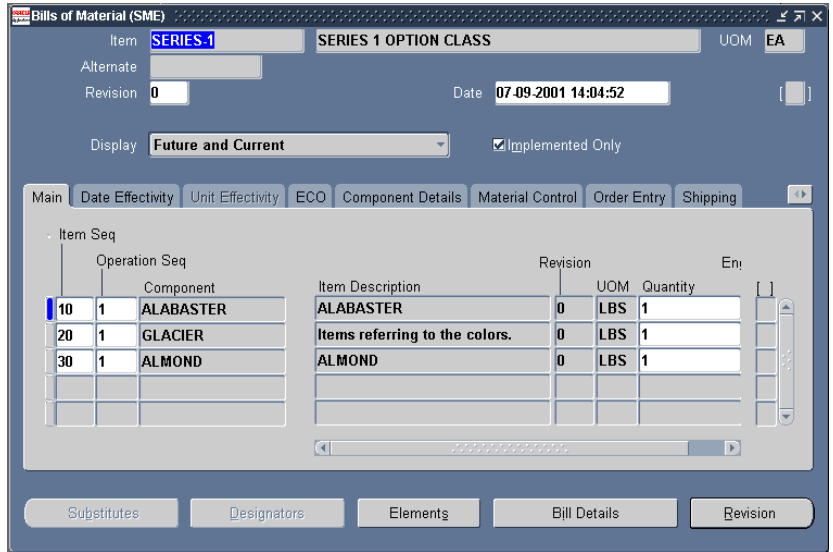


1. Enter the parent item for which you are creating a bill, and if you are creating an alternate bill, enter the alternate.

*Note: Bills and routings can share alternate labels. If you create an alternate bill with the same label as an alternate routing, components are assigned to operations on the alternate routing. If there is no routing with the same alternate label, components are assigned to operations on the primary routing.*

2. Enter or select the revision and the revision date.

3. If you are updating or viewing a bill, use the dropdown to display all, current, or future and current components effective as of the revision date you specify.



**Note:** Check the Implemented Only field to further restrict the components to display.

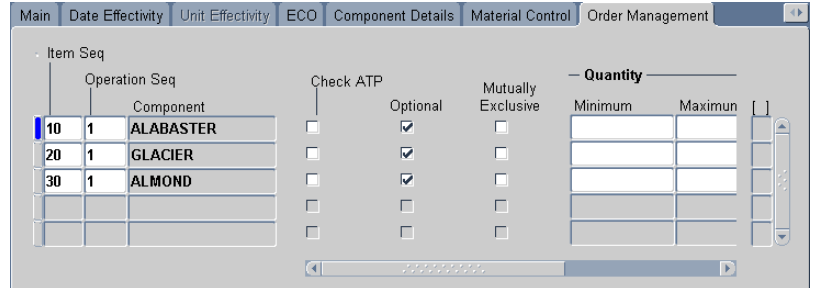
### The Bills of Material window

The Bills of Material window contains the following tabbed regions: Main, Effectivity, Component Details, Material Control, Order Entry, Shipping, and Comments.

<p><b>Main Tab</b></p> <ol style="list-style-type: none"> <li>Enter the:             <ul style="list-style-type: none"> <li>item sequence</li> <li>Operation sequence</li> <li>Component item</li> </ul> </li> <li>Enter the quantity used to make one unit of this assembly item at the current operation.</li> </ol>	<table border="1"> <thead> <tr> <th>Item Seq</th> <th>Operation Seq</th> <th>Component</th> <th>Item Description</th> <th>Revision</th> <th>UOM</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>1</td> <td>ALABASTER</td> <td>ALABASTER</td> <td>0</td> <td>LBS</td> <td>1</td> </tr> <tr> <td>20</td> <td>1</td> <td>GLACIER</td> <td>Items referring to the colors.</td> <td>0</td> <td>LBS</td> <td>1</td> </tr> <tr> <td>30</td> <td>1</td> <td>ALMOND</td> <td>ALMOND</td> <td>0</td> <td>LBS</td> <td>1</td> </tr> </tbody> </table>	Item Seq	Operation Seq	Component	Item Description	Revision	UOM	Quantity	10	1	ALABASTER	ALABASTER	0	LBS	1	20	1	GLACIER	Items referring to the colors.	0	LBS	1	30	1	ALMOND	ALMOND	0	LBS	1
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<p><b>Effectivity tab</b></p> <ol style="list-style-type: none"> <li>Enter the effective date range for each component</li> </ol>	<table border="1"> <thead> <tr> <th>Item Seq</th> <th>Operation Seq</th> <th>Component</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>1</td> <td>ALABASTER</td> <td>06-20-2001</td> <td>10:29:36</td> </tr> <tr> <td>20</td> <td>1</td> <td>GLACIER</td> <td>06-20-2001</td> <td>10:29:37</td> </tr> <tr> <td>30</td> <td>1</td> <td>ALMOND</td> <td>06-20-2001</td> <td>10:29:39</td> </tr> </tbody> </table>	Item Seq	Operation Seq	Component	From	To	10	1	ALABASTER	06-20-2001	10:29:36	20	1	GLACIER	06-20-2001	10:29:37	30	1	ALMOND	06-20-2001	10:29:39								
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<p><b>Material Control Tab</b></p> <ol style="list-style-type: none"> <li>Enter the Supply Type</li> <li>Enter Supply subinventory and locator if applicable</li> </ol> <p><i>If you have set the BOM: Default WIP Supply Values for Components profile option to Yes, these values default from the item master. If any of these values are left blank, Work in Process will read the values contained in the item master.</i></p>	<table border="1"> <thead> <tr> <th>Item Seq</th> <th>Operation Seq</th> <th>Component</th> <th>Supply Type</th> <th>Subinventory</th> <th>Locator</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>1</td> <td>ALABASTER</td> <td>Operation Pull</td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>1</td> <td>GLACIER</td> <td>Operation Pull</td> <td></td> <td></td> </tr> <tr> <td>30</td> <td>1</td> <td>ALMOND</td> <td>Operation Pull</td> <td></td> <td></td> </tr> </tbody> </table>	Item Seq	Operation Seq	Component	Supply Type	Subinventory	Locator	10	1	ALABASTER	Operation Pull			20	1	GLACIER	Operation Pull			30	1	ALMOND	Operation Pull						
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**Order Management Tab**

1. Enter the minimum and maximum sales order quantities *(Optional)*
2. Indicate whether to check ATP *(Optional)*
3. Indicate whether the component is optional and mutually exclusive *(Only for ATO Models and ATO Option Class items)*
4. Enter the basis ( if applicable)
  - None *(Default)*
  - Order Class



For model, option class, and kit bills

**Comments Tab**

Use the Comments field to enter free form text describing important information about the Component

