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# Welcome to Docbook Support in oXygen

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## Inline Markup and Images

This sample shows that <oXygen/> can be used to edit documents in conformity with the dock-bookx.dtd.

The following Docbook figure is inserted using the imagedata tag:

**Figure 1. Lake in Fagaras**



In order to preview this text in a Web browser, choose the Docbook HTML transformation scenario. For this press the Configure Transformation Scenario button or the shortcut **CTRL+SHIFT+C** or (**COMMAND+SHIFT+C** on Mac OS X), then select the scenario. Press Ok.

To apply the stylesheet, press the "Apply transformation scenario" button or to press **CTRL+SHIFT+T** (**COMMAND+SHIFT+T** on Mac OS X).

## Lists and Tables

Here is a list of useful XML links:

- <http://www.xml.com>
- <http://www.xml.org>
- <http://www.w3c.org>

And here is the <oXygen/> home site:<http://www.oxygenxml.com/>

Now some tables. To hide the colspecs, choose the Hide colspec CSS from the CSS Alternatives toolbar. The column widths can be adjusted by dragging the column margins.

**Table 1. Sample CALS Table with no specified width and proportional column widths**

Horizontal Span		a3	a4	a5
b1	b2	b3	b4	Vertical Span
c1	Spans <b>Both</b> directions		c4	
d1			d4	
f1	f2	f3	f4	f5

Docbook 5 also supports the HTML tables:

**Table 2. Sample HTML Table with fixed width.**

Person Name	Age
Jane	26
Bart	24
Alexander	22
<i>They are all students of the computer science department</i>	

## Note

When you place the mouse cursor right above the first table row, the cursor is changed and the column under the mouse cursor is highlighted. If you click, the column is selected.

If you place the mouse cursor in the left side of the first table column, the cursor is changed and the row placed to the right of the mouse cursor is highlighted. If you click, the row is selected.

To select the entire table, click the top-left corner of the table.

Drag and drop, cut, and copy operations are available on both CALS and HTML Docbook tables.

## About Author Customization

The built-in Docbook support in oXygen includes a large set of operations and functionality. However, there are situations in which you must extend this set to match particular requirements.

The oXygen Author SDK for JAVA developers allows you to add custom Author actions and extensions for the Author visual mode of oXygen XML Editor.

The following program listing represents the implementation of a sample extension operation that selects the element at caret position:

```
/**
 * Operation used to select the element at caret position.
 */
public class SelectElementAtCaretOperation implements AuthorOperation {

    /**
     * @see ro.sync.ecss.extensions.api.AuthorOperation#doOperation(
     *      ro.sync.ecss.extensions.api.AuthorAccess,
     *      ro.sync.ecss.extensions.api.ArgumentsMap
     * )
     */
    public void doOperation(AuthorAccess authorAccess, ArgumentsMap arguments)
        throws IllegalArgumentException, AuthorOperationException {
        try {
            int caretOffset = authorAccess.getEditorAccess().getCaretOffset();
            // Get the node at caret offset
            AuthorNode nodeAtCaret =
                authorAccess.getDocumentController().getNodeAtOffset(caretOffset);
            if (nodeAtCaret != null) {
                authorAccess.getEditorAccess().select(nodeAtCaret.getStartOffset(),
                    nodeAtCaret.getEndOffset());
            }
        } catch (BadLocationException e) {
            e.printStackTrace();
        }
    }

    /**
     * @see ro.sync.ecss.extensions.api.Extension#getDescription()
     */
    public String getDescription() {
        return "Select the element at caret position";
    }
}
```

```
* @see ro.sync.ecss.extensions.api.AuthorOperation#getArguments()  
*/  
public ArgumentDescriptor[] getArguments() {  
    return null;  
}
```

You can read more about the Author SDK here: [http://www.oxygenxml.com/oxygen\\_sdk.html](http://www.oxygenxml.com/oxygen_sdk.html).

## Inline Markup and Images

This sample shows that <oXygen/> can be used to edit documents in conformity with the dock-bookx.dtd.

The following Docbook figure is inserted using the imagedata tag:

**Figure 2. Lake in Fagaras**



In order to preview this text in a Web browser, choose the Docbook HTML transformation scenario. For this press the Configure Transformation Scenario button or the shortcut **CTRL+SHIFT+C** or (**COMMAND+SHIFT+C** on Mac OS X), then select the scenario. Press Ok.

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## Lists and Tables

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- <http://www.xml.com>
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And here is the <oXygen/> home site:<http://www.oxygenxml.com/>

Now some tables. To hide the colspecs, choose the Hide colspec CSS from the CSS Alternatives toolbar. The column widths can be adjusted by dragging the column margins.

**Table 3. Sample CALS Table with no specified width and proportional column widths**

Horizontal Span		a3	a4	a5
b1	b2	b3	b4	Vertical Span
f1	f2	f3	f4	f5

Horizontal Span		a3	a4	a5
c1	Spans <b>Both</b> directions		c4	
d1			d4	d5
f1	f2	f3	f4	f5

Docbook 5 also supports the HTML tables:

**Table 4. Sample HTML Table with fixed width.**

Person Name	Age
Jane	26
Bart	24
Alexander	22
<i>They are all students of the computer science department</i>	

### Note

When you place the mouse cursor right above the first table row, the cursor is changed and the column under the mouse cursor is highlighted. If you click, the column is selected.

If you place the mouse cursor in the left side of the first table column, the cursor is changed and the row placed to the right of the mouse cursor is highlighted. If you click, the row is selected.

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 * Operation used to select the element at caret position.
 */
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    /**
     * @see ro.sync.ecss.extensions.api.AuthorOperation#doOperation(
     *      ro.sync.ecss.extensions.api.AuthorAccess,
     *      ro.sync.ecss.extensions.api.ArgumentsMap
     * )
     */
    public void doOperation(AuthorAccess authorAccess, ArgumentsMap arguments)
        throws IllegalArgumentException, AuthorOperationException {
        try {
            int caretOffset = authorAccess.getEditorAccess().getCaretOffset();
            // Get the node at caret offset
            AuthorNode nodeAtCaret =
                authorAccess.getDocumentController().getNodeAtOffset(caretOffset);
```

```
        if (nodeAtCaret != null) {
            authorAccess.getEditorAccess().select(nodeAtCaret.getStartOffset(),
                nodeAtCaret.getEndOffset());
        }
    } catch (BadLocationException e) {
        e.printStackTrace();
    }
}

/**
 * @see ro.sync.ecss.extensions.api.Extension#getDescription()
 */
public String getDescription() {
    return "Select the element at caret position";
}

/**
 * @see ro.sync.ecss.extensions.api.AuthorOperation#getArguments()
 */
public ArgumentDescriptor[] getArguments() {
    return null;
}
}
```

You can read more about the Author SDK here: [http://www.oxygenxml.com/oxygen\\_sdk.html](http://www.oxygenxml.com/oxygen_sdk.html).

## Inline Markup and Images

This sample shows that <oXygen/> can be used to edit documents in conformity with the dockbookx.dtd.

The following Docbook figure is inserted using the `imagedata` tag:

**Figure 3. Lake in Fagaras**



In order to preview this text in a Web browser, choose the Docbook HTML transformation scenario. For this press the Configure Transformation Scenario button or the shortcut **CTRL+SHIFT+C** or (**COMMAND+SHIFT+C** on Mac OS X), then select the scenario. Press Ok.

To apply the stylesheet, press the "Apply transformation scenario" button or to press **CTRL+SHIFT+T** (**COMMAND+SHIFT+T** on Mac OS X).

## Lists and Tables

Here is a list of useful XML links:

- <http://www.xml.com>

- <http://www.xml.org>
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And here is the <oXygen/> home site:<http://www.oxygenxml.com/>

Now some tables. To hide the `colspecs`, choose the Hide colspec CSS from the CSS Alternatives toolbar. The column widths can be adjusted by dragging the column margins.

**Table 5. Sample CALS Table with no specified width and proportional column widths**

Horizontal Span		a3	a4	a5
b1	b2	b3	b4	Vertical Span
c1	Spans <b>Both</b> directions		c4	
d1			d4	d5
f1	f2	f3	f4	f5

Docbook 5 also supports the HTML tables:

**Table 6. Sample HTML Table with fixed width.**

Person Name	Age
Jane	26
Bart	24
Alexander	22
<i>They are all students of the computer science department</i>	

### Note

When you place the mouse cursor right above the first table row, the cursor is changed and the column under the mouse cursor is highlighted. If you click, the column is selected.

If you place the mouse cursor in the left side of the first table column, the cursor is changed and the row placed to the right of the mouse cursor is highlighted. If you click, the row is selected.

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## About Author Customization

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The following program listing represents the implementation of a sample extension operation that selects the element at caret position:

```
/**
 * Operation used to select the element at caret position.
 */
public class SelectElementAtCaretOperation implements AuthorOperation {
```

```
/**
 * @see ro.sync.ecss.extensions.api.AuthorOperation#doOperation(
 *     ro.sync.ecss.extensions.api.AuthorAccess,
 *     ro.sync.ecss.extensions.api.ArgumentsMap
 * )
 */
public void doOperation(AuthorAccess authorAccess, ArgumentsMap arguments)
    throws IllegalArgumentException, AuthorOperationException {
    try {
        int caretOffset = authorAccess.getEditorAccess().getCaretOffset();
        // Get the node at caret offset
        AuthorNode nodeAtCaret =
            authorAccess.getDocumentController().getNodeAtOffset(caretOffset);
        if (nodeAtCaret != null) {
            authorAccess.getEditorAccess().select(nodeAtCaret.getStartOffset(),
                nodeAtCaret.getEndOffset());
        }
    } catch (BadLocationException e) {
        e.printStackTrace();
    }
}

/**
 * @see ro.sync.ecss.extensions.api.Extension#getDescription()
 */
public String getDescription() {
    return "Select the element at caret position";
}

/**
 * @see ro.sync.ecss.extensions.api.AuthorOperation#getArguments()
 */
public ArgumentDescriptor[] getArguments() {
    return null;
}
}
```

You can read more about the Author SDK here: [http://www.oxygenxml.com/oxygen\\_sdk.html](http://www.oxygenxml.com/oxygen_sdk.html).

## Inline Markup and Images

This sample shows that <oXygen/> can be used to edit documents in conformity with the dockbookx.dtd.

The following Docbook figure is inserted using the imagedata tag:

**Figure 4. Lake in Fagaras**





In order to preview this text in a Web browser, choose the Docbook HTML transformation scenario. For this press the Configure Transformation Scenario button or the shortcut **CTRL+SHIFT+C** or (**COMMAND+SHIFT+C** on Mac OS X), then select the scenario. Press Ok.

To apply the stylesheet, press the "Apply transformation scenario" button or to press **CTRL+SHIFT+T** (**COMMAND+SHIFT+T** on Mac OS X).

## Lists and Tables

Here is a list of useful XML links:

- <http://www.xml.com>
- <http://www.xml.org>
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And here is the <oXygen/> home site:<http://www.oxygenxml.com/>

Now some tables. To hide the `colspecs`, choose the Hide colspec CSS from the CSS Alternatives toolbar. The column widths can be adjusted by dragging the column margins.

**Table 7. Sample CALS Table with no specified width and proportional column widths**

Horizontal Span		a3	a4	a5
b1	b2	b3	b4	Vertical Span
c1	Spans <b>Both</b> directions		c4	
d1			d4	d5
f1	f2	f3	f4	f5

Docbook 5 also supports the HTML tables:

**Table 8. Sample HTML Table with fixed width.**

Person Name	Age
Jane	26
Bart	24
Alexander	22
<i>They are all students of the computer science department</i>	

### Note

When you place the mouse cursor right above the first table row, the cursor is changed and the column under the mouse cursor is highlighted. If you click, the column is selected.

If you place the mouse cursor in the left side of the first table column, the cursor is changed and the row placed to the right of the mouse cursor is highlighted. If you click, the row is selected.

To select the entire table, click the top-left corner of the table.

Drag and drop, cut, and copy operations are available on both CALS and HTML Docbook tables.

## About Author Customization

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The following program listing represents the implementation of a sample extension operation that selects the element at caret position:

```
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 * Operation used to select the element at caret position.
 */
public class SelectElementAtCaretOperation implements AuthorOperation {

    /**
     * @see ro.sync.ecss.extensions.api.AuthorOperation#doOperation(
     *      ro.sync.ecss.extensions.api.AuthorAccess,
     *      ro.sync.ecss.extensions.api.ArgumentsMap
     * )
     */
    public void doOperation(AuthorAccess authorAccess, ArgumentsMap arguments)
        throws IllegalArgumentException, AuthorOperationException {
        try {
            int caretOffset = authorAccess.getEditorAccess().getCaretOffset();
            // Get the node at caret offset
            AuthorNode nodeAtCaret =
                authorAccess.getDocumentController().getNodeAtOffset(caretOffset);
            if (nodeAtCaret != null) {
                authorAccess.getEditorAccess().select(nodeAtCaret.getStartOffset(),
                    nodeAtCaret.getEndOffset());
            }
        } catch (BadLocationException e) {
            e.printStackTrace();
        }
    }

    /**
     * @see ro.sync.ecss.extensions.api.Extension#getDescription()
     */
    public String getDescription() {
        return "Select the element at caret position";
    }

    /**
     * @see ro.sync.ecss.extensions.api.AuthorOperation#getArguments()
     */
    public ArgumentDescriptor[] getArguments() {
        return null;
    }
}
```

You can read more about the Author SDK here: [http://www.oxygenxml.com/oxygen\\_sdk.html](http://www.oxygenxml.com/oxygen_sdk.html).

## Inline Markup and Images

This sample shows that <oXygen/> can be used to edit documents in conformity with the dock-bookx.dtd.

The following Docbook figure is inserted using the imagedata tag:

**Figure 5. Lake in Fagaras**



In order to preview this text in a Web browser, choose the Docbook HTML transformation scenario. For this press the Configure Transformation Scenario button or the shortcut **CTRL+SHIFT+C** or (**COMMAND+SHIFT+C** on Mac OS X), then select the scenario. Press Ok.

To apply the stylesheet, press the "Apply transformation scenario" button or to press **CTRL+SHIFT+T** (**COMMAND+SHIFT+T** on Mac OS X).

## Lists and Tables

Here is a list of useful XML links:

- <http://www.xml.com>
- <http://www.xml.org>
- <http://www.w3c.org>

And here is the <oXygen/> home site:<http://www.oxygenxml.com/>

Now some tables. To hide the colspecs, choose the Hide colspec CSS from the CSS Alternatives toolbar. The column widths can be adjusted by dragging the column margins.

**Table 9. Sample CALS Table with no specified width and proportional column widths**

Horizontal Span		a3	a4	a5
b1	b2	b3	b4	Vertical Span
c1	Spans <b>Both</b> directions		c4	
d1			d4	
f1	f2	f3	f4	f5

Docbook 5 also supports the HTML tables:

**Table 10. Sample HTML Table with fixed width.**

Person Name	Age
Jane	26
Bart	24
Alexander	22
<i>They are all students of the computer science department</i>	

## Note

When you place the mouse cursor right above the first table row, the cursor is changed and the column under the mouse cursor is highlighted. If you click, the column is selected.

If you place the mouse cursor in the left side of the first table column, the cursor is changed and the row placed to the right of the mouse cursor is highlighted. If you click, the row is selected.

To select the entire table, click the top-left corner of the table.

Drag and drop, cut, and copy operations are available on both CALS and HTML Docbook tables.

## About Author Customization

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The following program listing represents the implementation of a sample extension operation that selects the element at caret position:

```
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 * Operation used to select the element at caret position.
 */
public class SelectElementAtCaretOperation implements AuthorOperation {

    /**
     * @see ro.sync.ecss.extensions.api.AuthorOperation#doOperation(
     *      ro.sync.ecss.extensions.api.AuthorAccess,
     *      ro.sync.ecss.extensions.api.ArgumentsMap
     * )
     */
    public void doOperation(AuthorAccess authorAccess, ArgumentsMap arguments)
        throws IllegalArgumentException, AuthorOperationException {
        try {
            int caretOffset = authorAccess.getEditorAccess().getCaretOffset();
            // Get the node at caret offset
            AuthorNode nodeAtCaret =
                authorAccess.getDocumentController().getNodeAtOffset(caretOffset);
            if (nodeAtCaret != null) {
                authorAccess.getEditorAccess().select(nodeAtCaret.getStartOffset(),
                    nodeAtCaret.getEndOffset());
            }
        } catch (BadLocationException e) {
            e.printStackTrace();
        }
    }

    /**
     * @see ro.sync.ecss.extensions.api.Extension#getDescription()
     */
    public String getDescription() {
        return "Select the element at caret position";
    }
}
```

```
* @see ro.sync.ecss.extensions.api.AuthorOperation#getArguments()  
*/  
public ArgumentDescriptor[] getArguments() {  
    return null;  
}
```

You can read more about the Author SDK here: [http://www.oxygenxml.com/oxygen\\_sdk.html](http://www.oxygenxml.com/oxygen_sdk.html).

## Inline Markup and Images

This sample shows that <oXygen/> can be used to edit documents in conformity with the dockbookx.dtd.

The following Docbook figure is inserted using the imagedata tag:

**Figure 6. Lake in Fagaras**



In order to preview this text in a Web browser, choose the Docbook HTML transformation scenario. For this press the Configure Transformation Scenario button or the shortcut **CTRL+SHIFT+C** or (**COMMAND+SHIFT+C** on Mac OS X), then select the scenario. Press Ok.

To apply the stylesheet, press the "Apply transformation scenario" button or to press **CTRL+SHIFT+T** (**COMMAND+SHIFT+T** on Mac OS X).

## Lists and Tables

Here is a list of useful XML links:

- <http://www.xml.com>
- <http://www.xml.org>
- <http://www.w3c.org>

And here is the <oXygen/> home site:<http://www.oxygenxml.com/>

Now some tables. To hide the colspecs, choose the Hide colspec CSS from the CSS Alternatives toolbar. The column widths can be adjusted by dragging the column margins.

**Table 11. Sample CALS Table with no specified width and proportional column widths**

Horizontal Span		a3	a4	a5
b1	b2	b3	b4	Vertical Span
f1	f2	f3	f4	f5

Horizontal Span		a3	a4	a5
c1	Spans <b>Both</b> directions		c4	
d1			d4	d5
f1	f2	f3	f4	f5

Docbook 5 also supports the HTML tables:

**Table 12. Sample HTML Table with fixed width.**

Person Name	Age
Jane	26
Bart	24
Alexander	22
<i>They are all students of the computer science department</i>	

### Note

When you place the mouse cursor right above the first table row, the cursor is changed and the column under the mouse cursor is highlighted. If you click, the column is selected.

If you place the mouse cursor in the left side of the first table column, the cursor is changed and the row placed to the right of the mouse cursor is highlighted. If you click, the row is selected.

To select the entire table, click the top-left corner of the table.

Drag and drop, cut, and copy operations are available on both CALS and HTML Docbook tables.

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    /**
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     *      ro.sync.ecss.extensions.api.AuthorAccess,
     *      ro.sync.ecss.extensions.api.ArgumentsMap
     * )
     */
    public void doOperation(AuthorAccess authorAccess, ArgumentsMap arguments)
        throws IllegalArgumentException, AuthorOperationException {
        try {
            int caretOffset = authorAccess.getEditorAccess().getCaretOffset();
            // Get the node at caret offset
            AuthorNode nodeAtCaret =
                authorAccess.getDocumentController().getNodeAtOffset(caretOffset);
```

```
        if (nodeAtCaret != null) {
            authorAccess.getEditorAccess().select(nodeAtCaret.getStartOffset(),
                nodeAtCaret.getEndOffset());
        }
    } catch (BadLocationException e) {
        e.printStackTrace();
    }
}

/**
 * @see ro.sync.ecss.extensions.api.Extension#getDescription()
 */
public String getDescription() {
    return "Select the element at caret position";
}

/**
 * @see ro.sync.ecss.extensions.api.AuthorOperation#getArguments()
 */
public ArgumentDescriptor[] getArguments() {
    return null;
}
}
```

You can read more about the Author SDK here: [http://www.oxygenxml.com/oxygen\\_sdk.html](http://www.oxygenxml.com/oxygen_sdk.html).

## Inline Markup and Images

This sample shows that <oXygen/> can be used to edit documents in conformity with the dockbookx.dtd.

The following Docbook figure is inserted using the `imagedata` tag:

**Figure 7. Lake in Fagaras**



In order to preview this text in a Web browser, choose the Docbook HTML transformation scenario. For this press the Configure Transformation Scenario button or the shortcut **CTRL+SHIFT+C** or (**COMMAND+SHIFT+C** on Mac OS X), then select the scenario. Press Ok.

To apply the stylesheet, press the "Apply transformation scenario" button or to press **CTRL+SHIFT+T** (**COMMAND+SHIFT+T** on Mac OS X).

## Lists and Tables

Here is a list of useful XML links:

- <http://www.xml.com>

- <http://www.xml.org>
- <http://www.w3c.org>

And here is the <oXygen/> home site:<http://www.oxygenxml.com/>

Now some tables. To hide the `colspecs`, choose the Hide colspec CSS from the CSS Alternatives toolbar. The column widths can be adjusted by dragging the column margins.

**Table 13. Sample CALS Table with no specified width and proportional column widths**

Horizontal Span		a3	a4	a5
b1	b2	b3	b4	Vertical Span
c1	Spans <b>Both</b> directions		c4	
d1			d4	d5
f1	f2	f3	f4	f5

Docbook 5 also supports the HTML tables:

**Table 14. Sample HTML Table with fixed width.**

Person Name	Age
Jane	26
Bart	24
Alexander	22
<i>They are all students of the computer science department</i>	

### Note

When you place the mouse cursor right above the first table row, the cursor is changed and the column under the mouse cursor is highlighted. If you click, the column is selected.

If you place the mouse cursor in the left side of the first table column, the cursor is changed and the row placed to the right of the mouse cursor is highlighted. If you click, the row is selected.

To select the entire table, click the top-left corner of the table.

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The following program listing represents the implementation of a sample extension operation that selects the element at caret position:

```
/**
 * Operation used to select the element at caret position.
 */
public class SelectElementAtCaretOperation implements AuthorOperation {
```



```
/**
 * @see ro.sync.ecss.extensions.api.AuthorOperation#doOperation(
 *     ro.sync.ecss.extensions.api.AuthorAccess,
 *     ro.sync.ecss.extensions.api.ArgumentsMap
 * )
 */
public void doOperation(AuthorAccess authorAccess, ArgumentsMap arguments)
    throws IllegalArgumentException, AuthorOperationException {
    try {
        int caretOffset = authorAccess.getEditorAccess().getCaretOffset();
        // Get the node at caret offset
        AuthorNode nodeAtCaret =
            authorAccess.getDocumentController().getNodeAtOffset(caretOffset);
        if (nodeAtCaret != null) {
            authorAccess.getEditorAccess().select(nodeAtCaret.getStartOffset(),
                nodeAtCaret.getEndOffset());
        }
    } catch (BadLocationException e) {
        e.printStackTrace();
    }
}

/**
 * @see ro.sync.ecss.extensions.api.Extension#getDescription()
 */
public String getDescription() {
    return "Select the element at caret position";
}

/**
 * @see ro.sync.ecss.extensions.api.AuthorOperation#getArguments()
 */
public ArgumentDescriptor[] getArguments() {
    return null;
}
}
```

You can read more about the Author SDK here: [http://www.oxygenxml.com/oxygen\\_sdk.html](http://www.oxygenxml.com/oxygen_sdk.html).

## Inline Markup and Images

This sample shows that <oXygen/> can be used to edit documents in conformity with the dockbookx.dtd.

The following Docbook figure is inserted using the imagedata tag:

**Figure 8. Lake in Fagaras**



In order to preview this text in a Web browser, choose the `Docbook` HTML transformation scenario. For this press the `Configure Transformation Scenario` button or the shortcut **CTRL+SHIFT+C** or (**COMMAND+SHIFT+C** on Mac OS X), then select the scenario. Press Ok.

To apply the stylesheet, press the "Apply transformation scenario" button or to press **CTRL+SHIFT+T** (**COMMAND+SHIFT+T** on Mac OS X).

## Lists and Tables

Here is a list of useful XML links:

- <http://www.xml.com>
- <http://www.xml.org>
- <http://www.w3c.org>

And here is the <oXygen/> home site:<http://www.oxygenxml.com/>

Now some tables. To hide the `colspecs`, choose the `Hide colspec` CSS from the `CSS Alternatives` toolbar. The column widths can be adjusted by dragging the column margins.

**Table 15. Sample CALS Table with no specified width and proportional column widths**

Horizontal Span		a3	a4	a5
b1	b2	b3	b4	Vertical Span
c1	Spans <b>Both</b> directions		c4	
d1			d4	d5
f1	f2	f3	f4	f5

Docbook 5 also supports the HTML tables:

**Table 16. Sample HTML Table with fixed width.**

Person Name	Age
Jane	26
Bart	24
Alexander	22
<i>They are all students of the computer science department</i>	

### Note

When you place the mouse cursor right above the first table row, the cursor is changed and the column under the mouse cursor is highlighted. If you click, the column is selected.

If you place the mouse cursor in the left side of the first table column, the cursor is changed and the row placed to the right of the mouse cursor is highlighted. If you click, the row is selected.

To select the entire table, click the top-left corner of the table.

Drag and drop, cut, and copy operations are available on both CALS and HTML Docbook tables.

## About Author Customization

The built-in `Docbook` support in `oXygen` includes a large set of operations and functionality. However, there are situations in which you must extend this set to match particular requirements.

The oXygen Author SDK for JAVA developers allows you to add custom Author actions and extensions for the Author visual mode of oXygen XML Editor.

The following program listing represents the implementation of a sample extension operation that selects the element at caret position:

```
/**
 * Operation used to select the element at caret position.
 */
public class SelectElementAtCaretOperation implements AuthorOperation {

    /**
     * @see ro.sync.ecss.extensions.api.AuthorOperation#doOperation(
     *      ro.sync.ecss.extensions.api.AuthorAccess,
     *      ro.sync.ecss.extensions.api.ArgumentsMap
     * )
     */
    public void doOperation(AuthorAccess authorAccess, ArgumentsMap arguments)
        throws IllegalArgumentException, AuthorOperationException {
        try {
            int caretOffset = authorAccess.getEditorAccess().getCaretOffset();
            // Get the node at caret offset
            AuthorNode nodeAtCaret =
                authorAccess.getDocumentController().getNodeAtOffset(caretOffset);
            if (nodeAtCaret != null) {
                authorAccess.getEditorAccess().select(nodeAtCaret.getStartOffset(),
                    nodeAtCaret.getEndOffset());
            }
        } catch (BadLocationException e) {
            e.printStackTrace();
        }
    }

    /**
     * @see ro.sync.ecss.extensions.api.Extension#getDescription()
     */
    public String getDescription() {
        return "Select the element at caret position";
    }

    /**
     * @see ro.sync.ecss.extensions.api.AuthorOperation#getArguments()
     */
    public ArgumentDescriptor[] getArguments() {
        return null;
    }
}
```

You can read more about the Author SDK here: [http://www.oxygenxml.com/oxygen\\_sdk.html](http://www.oxygenxml.com/oxygen_sdk.html).

## Inline Markup and Images

This sample shows that <oXygen/> can be used to edit documents in conformity with the dock-bookx.dtd.

The following Docbook figure is inserted using the imagedata tag:

**Figure 9. Lake in Fagaras**



In order to preview this text in a Web browser, choose the Docbook HTML transformation scenario. For this press the Configure Transformation Scenario button or the shortcut **CTRL+SHIFT+C** or (**COMMAND+SHIFT+C** on Mac OS X), then select the scenario. Press Ok.

To apply the stylesheet, press the "Apply transformation scenario" button or to press **CTRL+SHIFT+T** (**COMMAND+SHIFT+T** on Mac OS X).

## Lists and Tables

Here is a list of useful XML links:

- <http://www.xml.com>
- <http://www.xml.org>
- <http://www.w3c.org>

And here is the <oXygen/> home site:<http://www.oxygenxml.com/>

Now some tables. To hide the colspecs, choose the Hide colspec CSS from the CSS Alternatives toolbar. The column widths can be adjusted by dragging the column margins.

**Table 17. Sample CALS Table with no specified width and proportional column widths**

Horizontal Span		a3	a4	a5
b1	b2	b3	b4	Vertical Span
c1	Spans <b>Both</b> directions		c4	
d1			d4	
f1	f2	f3	f4	f5

Docbook 5 also supports the HTML tables:

**Table 18. Sample HTML Table with fixed width.**

Person Name	Age
Jane	26
Bart	24
Alexander	22
<i>They are all students of the computer science department</i>	

## Note

When you place the mouse cursor right above the first table row, the cursor is changed and the column under the mouse cursor is highlighted. If you click, the column is selected.

If you place the mouse cursor in the left side of the first table column, the cursor is changed and the row placed to the right of the mouse cursor is highlighted. If you click, the row is selected.

To select the entire table, click the top-left corner of the table.

Drag and drop, cut, and copy operations are available on both CALS and HTML Docbook tables.

## About Author Customization

The built-in Docbook support in oXygen includes a large set of operations and functionality. However, there are situations in which you must extend this set to match particular requirements.

The oXygen Author SDK for JAVA developers allows you to add custom Author actions and extensions for the Author visual mode of oXygen XML Editor.

The following program listing represents the implementation of a sample extension operation that selects the element at caret position:

```
/**
 * Operation used to select the element at caret position.
 */
public class SelectElementAtCaretOperation implements AuthorOperation {

    /**
     * @see ro.sync.ecss.extensions.api.AuthorOperation#doOperation(
     *      ro.sync.ecss.extensions.api.AuthorAccess,
     *      ro.sync.ecss.extensions.api.ArgumentsMap
     * )
     */
    public void doOperation(AuthorAccess authorAccess, ArgumentsMap arguments)
        throws IllegalArgumentException, AuthorOperationException {
        try {
            int caretOffset = authorAccess.getEditorAccess().getCaretOffset();
            // Get the node at caret offset
            AuthorNode nodeAtCaret =
                authorAccess.getDocumentController().getNodeAtOffset(caretOffset);
            if (nodeAtCaret != null) {
                authorAccess.getEditorAccess().select(nodeAtCaret.getStartOffset(),
                    nodeAtCaret.getEndOffset());
            }
        } catch (BadLocationException e) {
            e.printStackTrace();
        }
    }

    /**
     * @see ro.sync.ecss.extensions.api.Extension#getDescription()
     */
    public String getDescription() {
        return "Select the element at caret position";
    }
}
```

```
* @see ro.sync.ecss.extensions.api.AuthorOperation#getArguments()  
*/  
public ArgumentDescriptor[] getArguments() {  
    return null;  
}
```

You can read more about the Author SDK here: [http://www.oxygenxml.com/oxygen\\_sdk.html](http://www.oxygenxml.com/oxygen_sdk.html).

## Inline Markup and Images

This sample shows that <oXygen/> can be used to edit documents in conformity with the dock-bookx.dtd.

The following Docbook figure is inserted using the imagedata tag:

**Figure 10. Lake in Fagaras**



In order to preview this text in a Web browser, choose the Docbook HTML transformation scenario. For this press the Configure Transformation Scenario button or the shortcut **CTRL+SHIFT+C** or (**COMMAND+SHIFT+C** on Mac OS X), then select the scenario. Press Ok.

To apply the stylesheet, press the "Apply transformation scenario" button or to press **CTRL+SHIFT+T** (**COMMAND+SHIFT+T** on Mac OS X).

## Lists and Tables

Here is a list of useful XML links:

- <http://www.xml.com>
- <http://www.xml.org>
- <http://www.w3c.org>

And here is the <oXygen/> home site:<http://www.oxygenxml.com/>

Now some tables. To hide the colspecs, choose the Hide colspec CSS from the CSS Alternatives toolbar. The column widths can be adjusted by dragging the column margins.

**Table 19. Sample CALS Table with no specified width and proportional column widths**

Horizontal Span		a3	a4	a5
b1	b2	b3	b4	Vertical Span
f1	f2	f3	f4	f5

Horizontal Span		a3	a4	a5
c1	Spans <b>Both</b> directions		c4	
d1			d4	d5
f1	f2	f3	f4	f5

Docbook 5 also supports the HTML tables:

**Table 20. Sample HTML Table with fixed width.**

Person Name	Age
Jane	26
Bart	24
Alexander	22
<i>They are all students of the computer science department</i>	

### Note

When you place the mouse cursor right above the first table row, the cursor is changed and the column under the mouse cursor is highlighted. If you click, the column is selected.

If you place the mouse cursor in the left side of the first table column, the cursor is changed and the row placed to the right of the mouse cursor is highlighted. If you click, the row is selected.

To select the entire table, click the top-left corner of the table.

Drag and drop, cut, and copy operations are available on both CALS and HTML Docbook tables.

## About Author Customization

The built-in Docbook support in oXygen includes a large set of operations and functionality. However, there are situations in which you must extend this set to match particular requirements.

The oXygen Author SDK for JAVA developers allows you to add custom Author actions and extensions for the Author visual mode of oXygen XML Editor.

The following program listing represents the implementation of a sample extension operation that selects the element at caret position:

```
/**
 * Operation used to select the element at caret position.
 */
public class SelectElementAtCaretOperation implements AuthorOperation {

    /**
     * @see ro.sync.ecss.extensions.api.AuthorOperation#doOperation(
     *      ro.sync.ecss.extensions.api.AuthorAccess,
     *      ro.sync.ecss.extensions.api.ArgumentsMap
     * )
     */
    public void doOperation(AuthorAccess authorAccess, ArgumentsMap arguments)
        throws IllegalArgumentException, AuthorOperationException {
        try {
            int caretOffset = authorAccess.getEditorAccess().getCaretOffset();
            // Get the node at caret offset
            AuthorNode nodeAtCaret =
                authorAccess.getDocumentController().getNodeAtOffset(caretOffset);
```

```
        if (nodeAtCaret != null) {
            authorAccess.getEditorAccess().select(nodeAtCaret.getStartOffset(),
                nodeAtCaret.getEndOffset());
        }
    } catch (BadLocationException e) {
        e.printStackTrace();
    }
}

/**
 * @see ro.sync.ecss.extensions.api.Extension#getDescription()
 */
public String getDescription() {
    return "Select the element at caret position";
}

/**
 * @see ro.sync.ecss.extensions.api.AuthorOperation#getArguments()
 */
public ArgumentDescriptor[] getArguments() {
    return null;
}
}
```

You can read more about the Author SDK here: [http://www.oxygenxml.com/oxygen\\_sdk.html](http://www.oxygenxml.com/oxygen_sdk.html).

## Inline Markup and Images

This sample shows that <oXygen/> can be used to edit documents in conformity with the dockbookx.dtd.

The following Docbook figure is inserted using the `imagedata` tag:

**Figure 11. Lake in Fagaras**



In order to preview this text in a Web browser, choose the Docbook HTML transformation scenario. For this press the Configure Transformation Scenario button or the shortcut **CTRL+SHIFT+C** or (**COMMAND+SHIFT+C** on Mac OS X), then select the scenario. Press Ok.

To apply the stylesheet, press the "Apply transformation scenario" button or to press **CTRL+SHIFT+T** (**COMMAND+SHIFT+T** on Mac OS X).

## Lists and Tables

Here is a list of useful XML links:

- <http://www.xml.com>



- <http://www.xml.org>
- <http://www.w3c.org>

And here is the <oXygen/> home site:<http://www.oxygenxml.com/>

Now some tables. To hide the `colspecs`, choose the Hide colspec CSS from the CSS Alternatives toolbar. The column widths can be adjusted by dragging the column margins.

**Table 21. Sample CALS Table with no specified width and proportional column widths**

Horizontal Span		a3	a4	a5
b1	b2	b3	b4	Vertical Span
c1	Spans <b>Both</b> directions		c4	
d1			d4	d5
f1	f2	f3	f4	f5

Docbook 5 also supports the HTML tables:

**Table 22. Sample HTML Table with fixed width.**

Person Name	Age
Jane	26
Bart	24
Alexander	22
<i>They are all students of the computer science department</i>	

### Note

When you place the mouse cursor right above the first table row, the cursor is changed and the column under the mouse cursor is highlighted. If you click, the column is selected.

If you place the mouse cursor in the left side of the first table column, the cursor is changed and the row placed to the right of the mouse cursor is highlighted. If you click, the row is selected.

To select the entire table, click the top-left corner of the table.

Drag and drop, cut, and copy operations are available on both CALS and HTML Docbook tables.

## About Author Customization

The built-in Docbook support in oXygen includes a large set of operations and functionality. However, there are situations in which you must extend this set to match particular requirements.

The oXygen Author SDK for JAVA developers allows you to add custom Author actions and extensions for the Author visual mode of oXygen XML Editor.

The following program listing represents the implementation of a sample extension operation that selects the element at caret position:

```
/**
 * Operation used to select the element at caret position.
 */
public class SelectElementAtCaretOperation implements AuthorOperation {
```

```
/**
 * @see ro.sync.ecss.extensions.api.AuthorOperation#doOperation(
 *     ro.sync.ecss.extensions.api.AuthorAccess,
 *     ro.sync.ecss.extensions.api.ArgumentsMap
 * )
 */
public void doOperation(AuthorAccess authorAccess, ArgumentsMap arguments)
    throws IllegalArgumentException, AuthorOperationException {
    try {
        int caretOffset = authorAccess.getEditorAccess().getCaretOffset();
        // Get the node at caret offset
        AuthorNode nodeAtCaret =
            authorAccess.getDocumentController().getNodeAtOffset(caretOffset);
        if (nodeAtCaret != null) {
            authorAccess.getEditorAccess().select(nodeAtCaret.getStartOffset(),
                nodeAtCaret.getEndOffset());
        }
    } catch (BadLocationException e) {
        e.printStackTrace();
    }
}

/**
 * @see ro.sync.ecss.extensions.api.Extension#getDescription()
 */
public String getDescription() {
    return "Select the element at caret position";
}

/**
 * @see ro.sync.ecss.extensions.api.AuthorOperation#getArguments()
 */
public ArgumentDescriptor[] getArguments() {
    return null;
}
}
```

You can read more about the Author SDK here: [http://www.oxygenxml.com/oxygen\\_sdk.html](http://www.oxygenxml.com/oxygen_sdk.html).

## Inline Markup and Images

This sample shows that <oXygen/> can be used to edit documents in conformity with the dockbookx.dtd.

The following Docbook figure is inserted using the imagedata tag:

**Figure 12. Lake in Fagaras**



In order to preview this text in a Web browser, choose the Docbook HTML transformation scenario. For this press the Configure Transformation Scenario button or the shortcut **CTRL+SHIFT+C** or (**COMMAND+SHIFT+C** on Mac OS X), then select the scenario. Press Ok.

To apply the stylesheet, press the "Apply transformation scenario" button or to press **CTRL+SHIFT+T** (**COMMAND+SHIFT+T** on Mac OS X).

## Lists and Tables

Here is a list of useful XML links:

- <http://www.xml.com>
- <http://www.xml.org>
- <http://www.w3c.org>

And here is the <oXygen/> home site:<http://www.oxygenxml.com/>

Now some tables. To hide the `colspecs`, choose the Hide colspec CSS from the CSS Alternatives toolbar. The column widths can be adjusted by dragging the column margins.

**Table 23. Sample CALS Table with no specified width and proportional column widths**

Horizontal Span		a3	a4	a5
b1	b2	b3	b4	Vertical Span
c1	Spans Both directions		c4	
d1			d4	
f1	f2	f3	f4	f5

Docbook 5 also supports the HTML tables:

**Table 24. Sample HTML Table with fixed width.**

Person Name	Age
Jane	26
Bart	24
Alexander	22
<i>They are all students of the computer science department</i>	

### Note

When you place the mouse cursor right above the first table row, the cursor is changed and the column under the mouse cursor is highlighted. If you click, the column is selected.

If you place the mouse cursor in the left side of the first table column, the cursor is changed and the row placed to the right of the mouse cursor is highlighted. If you click, the row is selected.

To select the entire table, click the top-left corner of the table.

Drag and drop, cut, and copy operations are available on both CALS and HTML Docbook tables.

## About Author Customization

The built-in Docbook support in oXygen includes a large set of operations and functionality. However, there are situations in which you must extend this set to match particular requirements.

The oXygen Author SDK for JAVA developers allows you to add custom Author actions and extensions for the Author visual mode of oXygen XML Editor.

The following program listing represents the implementation of a sample extension operation that selects the element at caret position:

```
/**
 * Operation used to select the element at caret position.
 */
public class SelectElementAtCaretOperation implements AuthorOperation {

    /**
     * @see ro.sync.ecss.extensions.api.AuthorOperation#doOperation(
     *      ro.sync.ecss.extensions.api.AuthorAccess,
     *      ro.sync.ecss.extensions.api.ArgumentsMap
     * )
     */
    public void doOperation(AuthorAccess authorAccess, ArgumentsMap arguments)
        throws IllegalArgumentException, AuthorOperationException {
        try {
            int caretOffset = authorAccess.getEditorAccess().getCaretOffset();
            // Get the node at caret offset
            AuthorNode nodeAtCaret =
                authorAccess.getDocumentController().getNodeAtOffset(caretOffset);
            if (nodeAtCaret != null) {
                authorAccess.getEditorAccess().select(nodeAtCaret.getStartOffset(),
                    nodeAtCaret.getEndOffset());
            }
        } catch (BadLocationException e) {
            e.printStackTrace();
        }
    }

    /**
     * @see ro.sync.ecss.extensions.api.Extension#getDescription()
     */
    public String getDescription() {
        return "Select the element at caret position";
    }

    /**
     * @see ro.sync.ecss.extensions.api.AuthorOperation#getArguments()
     */
    public ArgumentDescriptor[] getArguments() {
        return null;
    }
}
```

You can read more about the Author SDK here: [http://www.oxygenxml.com/oxygen\\_sdk.html](http://www.oxygenxml.com/oxygen_sdk.html).

## Inline Markup and Images

This sample shows that <oXygen/> can be used to edit documents in conformity with the dock-bookx.dtd.

The following Docbook figure is inserted using the imagedata tag:

**Figure 13. Lake in Fagaras**



In order to preview this text in a Web browser, choose the Docbook HTML transformation scenario. For this press the Configure Transformation Scenario button or the shortcut **CTRL+SHIFT+C** or (**COMMAND+SHIFT+C** on Mac OS X), then select the scenario. Press Ok.

To apply the stylesheet, press the "Apply transformation scenario" button or to press **CTRL+SHIFT+T** (**COMMAND+SHIFT+T** on Mac OS X).

## Lists and Tables

Here is a list of useful XML links:

- <http://www.xml.com>
- <http://www.xml.org>
- <http://www.w3c.org>

And here is the <oXygen/> home site:<http://www.oxygenxml.com/>

Now some tables. To hide the colspecs, choose the Hide colspec CSS from the CSS Alternatives toolbar. The column widths can be adjusted by dragging the column margins.

**Table 25. Sample CALS Table with no specified width and proportional column widths**

Horizontal Span		a3	a4	a5
b1	b2	b3	b4	Vertical Span
c1	Spans <b>Both</b> directions		c4	
d1			d4	
f1	f2	f3	f4	f5

Docbook 5 also supports the HTML tables:

**Table 26. Sample HTML Table with fixed width.**

Person Name	Age
Jane	26
Bart	24
Alexander	22
<i>They are all students of the computer science department</i>	

## Note

When you place the mouse cursor right above the first table row, the cursor is changed and the column under the mouse cursor is highlighted. If you click, the column is selected.

If you place the mouse cursor in the left side of the first table column, the cursor is changed and the row placed to the right of the mouse cursor is highlighted. If you click, the row is selected.

To select the entire table, click the top-left corner of the table.

Drag and drop, cut, and copy operations are available on both CALS and HTML Docbook tables.

## About Author Customization

The built-in Docbook support in oXygen includes a large set of operations and functionality. However, there are situations in which you must extend this set to match particular requirements.

The oXygen Author SDK for JAVA developers allows you to add custom Author actions and extensions for the Author visual mode of oXygen XML Editor.

The following program listing represents the implementation of a sample extension operation that selects the element at caret position:

```
/**
 * Operation used to select the element at caret position.
 */
public class SelectElementAtCaretOperation implements AuthorOperation {

    /**
     * @see ro.sync.ecss.extensions.api.AuthorOperation#doOperation(
     *      ro.sync.ecss.extensions.api.AuthorAccess,
     *      ro.sync.ecss.extensions.api.ArgumentsMap
     * )
     */
    public void doOperation(AuthorAccess authorAccess, ArgumentsMap arguments)
        throws IllegalArgumentException, AuthorOperationException {
        try {
            int caretOffset = authorAccess.getEditorAccess().getCaretOffset();
            // Get the node at caret offset
            AuthorNode nodeAtCaret =
                authorAccess.getDocumentController().getNodeAtOffset(caretOffset);
            if (nodeAtCaret != null) {
                authorAccess.getEditorAccess().select(nodeAtCaret.getStartOffset(),
                    nodeAtCaret.getEndOffset());
            }
        } catch (BadLocationException e) {
            e.printStackTrace();
        }
    }

    /**
     * @see ro.sync.ecss.extensions.api.Extension#getDescription()
     */
    public String getDescription() {
        return "Select the element at caret position";
    }
}
```

```
* @see ro.sync.ecss.extensions.api.AuthorOperation#getArguments()  
*/  
public ArgumentDescriptor[] getArguments() {  
    return null;  
}  
}
```

You can read more about the Author SDK here: [http://www.oxygenxml.com/oxygen\\_sdk.html](http://www.oxygenxml.com/oxygen_sdk.html).