

# TAILORED AUTHORIZING EXPERIENCE WITH OXYGEN XML WEB AUTHOR

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An Oxygen XML Webinar

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A word cloud of various XML and web technology terms arranged in a vertical shape on the right side of the slide. The terms include: schematron, Structured editing, XML, review, XQuery, Publish, PDF, DTD, DocBook, oxygen, authoring, XML Editor, XSD, SCHXSD, Single, Sourced, Datab, XHTML, Cha, Col, Web, frameworks, Profiling, WSDL, styles, visual, WebHelp, DITA, TEI, XSL, PHP, Ant, Js, JS, KML, XSLT, SVN, JSON, SVG, IDREFS, WebDAV, XPRRNCFO, XHTML, Datab, Cha, Col, Web, JS, KML, XSLT, SVN, JSON, SVG, IDREFS, WebDAV, XPRRNCFO, XHTML, Datab, Cha, Col, Web.

# Agenda

- Validation for Markdown documents
- Text-to-markup corrections
- In-place actions
- Outline view
- Diff service

# What is Oxygen XML Web Author?



- Web based XML authoring tool
- Supports:
  - XML
    - custom vocabularies
    - have many built-in vocabularies (DITA, DocBook, TEI, XHTML, etc.)
  - Markdown
- Connect to the majority of CMS's
- Strong review capabilities

# Why “tailored”?

- Web Author is highly customizable:
  - strong SDK (powerful Java and JS API)
  - stylized documents with CSS
  - form controls
  - custom document types
  - URL parameters
  - custom options
  - etc.
- All features presented below can be tuned to your needs



# About Markdown

## Strong points:

- easy to learn
- easy to write

## Weak points:

- lack of authoring guidance
- very lax syntax rules

```
## Markdown in basic form
```

```
We have two subtle problems in this document:
```

- ```
1. The bold within the header  
1. The casemicolon after this list item;
```

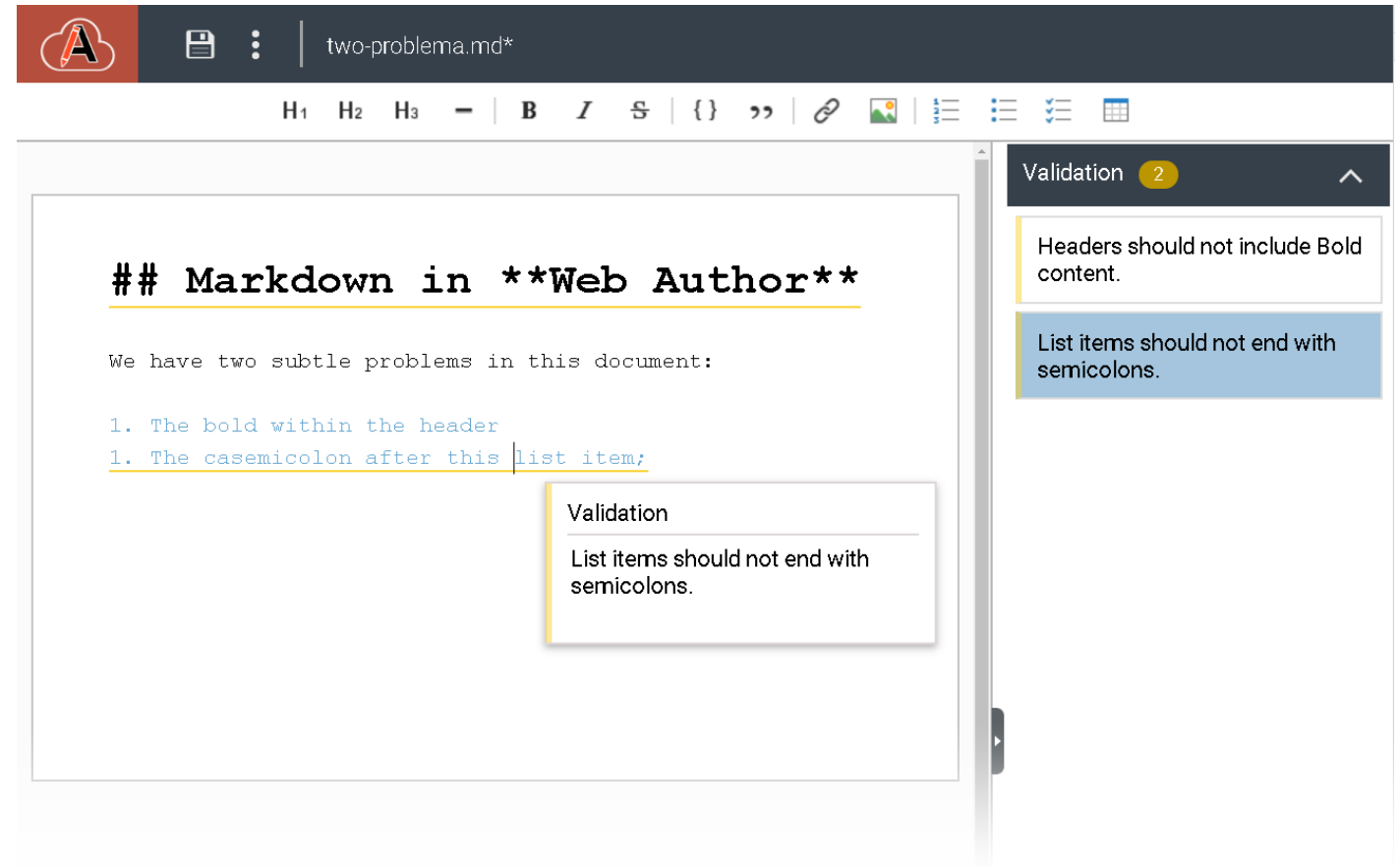
# Markdown in Oxygen

## Strong points:

- even easier to learn
- even easier to write
- **authoring guidance**
- **syntax validation**

## ~~Weak points:~~

- ~~lack of authoring guidance~~
- ~~very lax syntax rules~~



The screenshot shows the Oxygen XML Web Author interface. The main editor displays a Markdown document titled "two-problema.md\*". The document content is as follows:

```
## Markdown in Web Author
```

We have two subtle problems in this document:

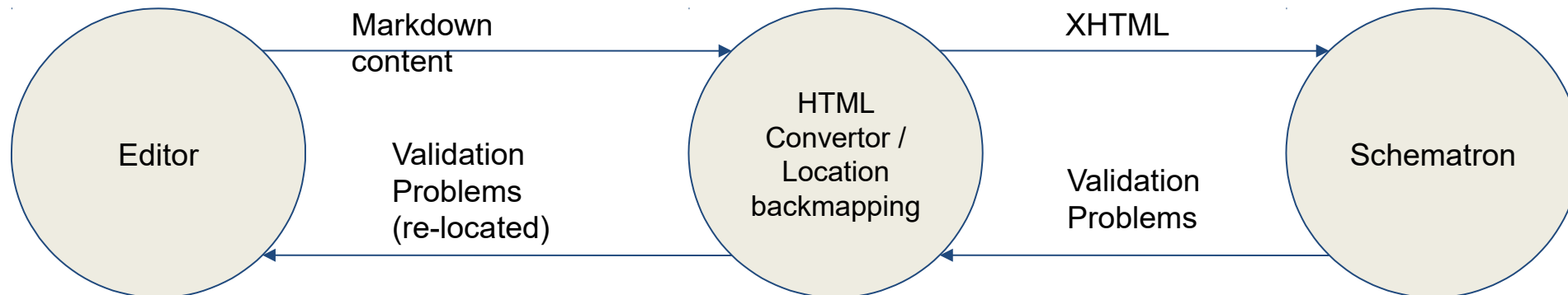
1. The bold within the header
1. The casemicolon after this list item;

Two validation messages are visible:

- A message in the right-hand validation pane: "Headers should not include Bold content."
- A message in a tooltip over the second list item: "List items should not end with semicolons."

# Markdown Validation

`https://www.example.com/oxygen-xml-web-author/app/oxygen.html`  
`?url=<*.md>`  
`&schematronUrl=<*.sch>`



# Markdown VS XML

**# Header 1**

List sample:

1. Ordered list item 1
1. Ordered list item 2

```
<h1>Header 1</h1>
```

```
<p>List sample:</p>
```

```
<ol>
```

```
  <li>Ordered list item 1.</li>
```

```
  <li>Ordered list item 2.</li>
```

```
</ol>
```



# But XML is easy to write too:

By using:

- In-place actions
- Text-to-markup automatic conversions

# Text-to-Markup Conversions

Wouldn't be great to write `'''` to insert a *codeblock*?

- Type `'''`
- Press *Spacebar*

# Text-to-Markup Conversions

- Create your own shorthands:

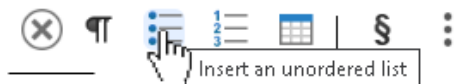
```
<structure-autocorrect>  
  <prefix-replacement prefix="``js">  
    <codeblock outputclass="language-javascript"/>  
  </prefix-replacement>  
</structure-autocorrect>
```

# In-place actions

Wouldn't be great to insert markup without typing?

large area of Europe, stretching from the Pyrenees in the west, through France and Germany to Poland in the north, Italy, Northern Greece and European Turkey. It has been introduced and is widely naturalised elsewhere. Although it is often thought of as a British native wild flower, or to have been brought to the British Isles by the Romans, it was probably introduced around the early sixteenth century.

All species of **Galanthus** are perennial, herbaceous plants which grow from bulbs. The flower has no petals: it consists of six tepals, the outer three being larger and more convex than the inner series. An important feature which helps to distinguish between species (and to help to determine the parentage of hybrids) is their "*vernation*" (the arrangement of the emerging leaves relative to each other).



# In-place actions

Create your own in-place actions:

- only by using CSS
- using available form controls:
  - oxy\_button
  - oxy\_htmlContent
  - oxy\_buttonGroup
  - oxy\_popup
  - oxy\_checkbox
  - oxy\_textArea
  - oxy\_combobox
  - oxy\_textfield
  - oxy\_datePicker
  - oxy\_urlChooser
- group them in reusable libraries

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  - oxy\_datePicker
  - oxy\_urlChooser
- group them in reusable libraries

```
@import "library.less";

body > p, body > ul, body > ol, section {
  .actions-after({
    .closeableAction('paragraph');
    .actionSeparator();
    .closeableAction('unorderedList');
    .actionSeparator();
    .closeableAction('orderedList');
    .actionSeparator();
    .closeableAction('insert.table-inline');
  });
}

simpletable{
  .addActions({
    .action('insert.table.row.below');
    .actionSeparator(" ");
    .action('insert.table.column.after');
  });
}
```

# Outline View

- ▼ article
  - ▼ info
    - title Welcome to Outline Support
  - ▼ sect1
    - title Inline Markup and Images
    - ▶ para This sample shows that <oXy
    - ▶ para The following Docbook figure
    - ▶ figure
  - ▶ sect1
  - ▶ sect1

## Article: Welcome to Outline Support

---

### Section 1: 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:

#### ▼ *Lake in Fagaras*



# Outline View

## Features:

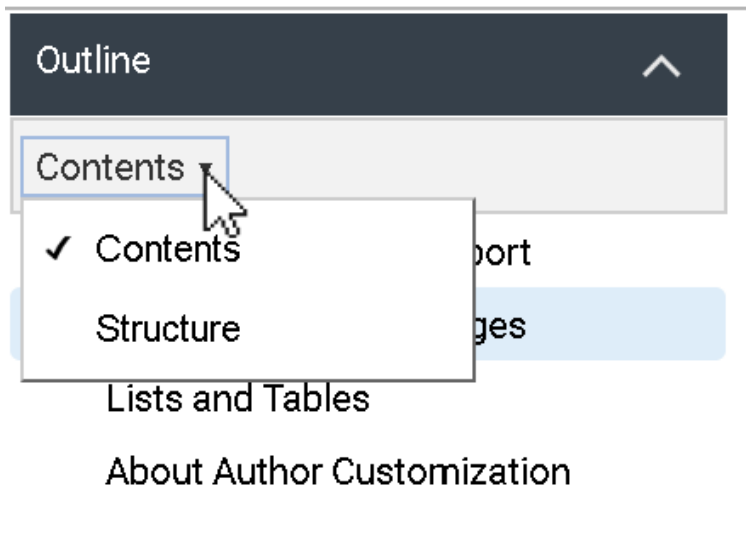
- Context menu actions
- Drag and drop elements
- Rearrange elements with pinpoint precision
- Synchronize selection with editor



# Outline View

Wouldn't be great to easily navigate through document sections?

Wouldn't be great to grasp the whole structure at a glance?



- Contents Mode
- Structure Mode

# Diff

Navigation bar with a red 'A' icon on the left and the name 'Bogdan' with a user profile icon on the right.



Your version

Latest version

## Chess Basics for Beginners

Chess is a **two**-player game that utilizes a chessboard and sixteen pieces of **six** types for each player. See Wikipedia for a basic history of the game of chess.

### Object of the Game

To win a chess match, a player must use their chess pieces to create a situation where the opponent's king is unable to make a move to avoid capture.

### The Chessboard

A chessboard consists of 64 square spaces in an 8x8 grid. Sixteen "light" and sixteen "dark" pieces are placed on the board at the beginning of the game. The board is placed so that a white square is in each player's near-right corner. Horizontal rows are called *ranks* and vertical rows are called *files*.

#### Chessboard



## Chess Basics for Beginners

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### Object of the Game

To win a chess match, a player must use their chess pieces to create a situation where the opponent's king is unable to make a move to avoid capture.

### The Chessboard

A chessboard consists of 64 square spaces in an 8x8 grid. **The squares are arranged in two alternating colors (light and dark).** Sixteen "light" and sixteen "dark" pieces are placed on the board at the beginning of the game. The board is placed so that a white square is in each player's near-right corner. Horizontal rows are called *ranks* and vertical rows are called *files*.

### The Chess Pieces

In a standard game of chess, each of the two players begins a game with the following 16 pieces:

### Initial Setup

At the beginning of the game, the pieces are arranged, one on a square, as follows:

The 2 rooks are placed on the outside corners, right and left edge.

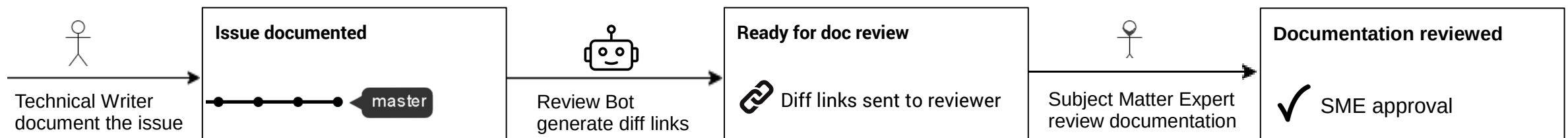
# Diff as a Service

Diff URL scheme:

- `https://www.example.com/oxygen-xml-web-author/app/oxygen.html`
- `?url=<...Chess_latest.dita>`
- `&diffUrl=<...Chess_latest.dita>`

# Diff as a Service – DIY Review Workflow

- Greatly reduce documentation review time
- Allow SME to review documentation



# Diff as a Service – Out-of-the-box Review Workflow

## Oxygen Content Fusion

- Collaboration platform
  - out-of-the-box review workflow
- Embed Web Author
  - takes full advantage of the diff tool\*

\*from V3.0

# THANK YOU!

**Any questions?**

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