

# Multimedia support in <oxygen/>

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# Overview

- Audio and Video
- Animated / Interactive SVGs
- Form controls - the foundation of the multimedia support
- Image Maps

# Audio and Video

- Easily ***Insert Media*** in DITA (18.1), DocBook and (X)HTML (19.0).
- Quickly embed YouTube or Vimeo video clips in DITA.
- Play the media objects in the Author page and in all HTML5-based outputs, including WebHelp systems.

# Animated / Interactive SVGs

In the Author page you can:

- Render animated SVG drawings.
- Interact with SVGs, if applicable.

# Multimedia form controls

- Form controls represent the foundation upon which the multimedia support has been built in <oxygen/>.
- The three pillars sustaining the multimedia support are:
  1. oxy\_audio()
  2. oxy\_video()
  3. oxy\_browser()
- These form controls can be used in any XML framework, including yours.

# Multimedia form controls

Audio

```
<audio href="relative/path/to/audio.mp3"/>
audio:before {
  content:
    oxy_audio(
      href, oxy_url(oxy_base-uri(), attr(href)),
      width, 500px
    );
}
```

Video

```
<video href="http://www.videos.com/video_file.mp4"/>
video:before {
  content:
    oxy_video(
      href, attr(href),
      width, 800px,
      height, 600px
    );
}
```

Browser

```
<browser href="relative/path/to/dynamic_svg.svg"/>
browser:before {
  content:
    oxy_browser(
      href, oxy_url(oxy_base-uri(), attr(href)),
      width, 300px,
      height, 300px
    );
}
```

# Multimedia form controls



# Image Maps in <oxygen/>

- See the big picture and easily access the modules.
- Add hyperlinks in various areas within an image without having to divide it into separate image files.
- Create and edit image maps using the ***Image Map Editor***.
- Support available in DITA, DocBook, TEI and XHTML.
- Publish image maps to WebHelp or XHTML.



# Image Maps in <oxygen/>

## The DITA Image Map Editor

The screenshot shows the Image Map Editor interface. The main window displays a 3D model of a gear assembly with numbered callouts (1-12) pointing to various components. The components are labeled as follows:

- 1: Bushings
- 2: Bushings
- 3: Bushings
- 4: Bushings
- 5: Drive Gear
- 6: Idler Gear
- 7: Suction Port
- 8: Pressure Port
- 9: Mounting Flange
- 10: Shaft Seal
- 11: Case Seal
- 12: Drive Shaft

The table on the right side of the editor lists the parts:

#	Type	Description
1	Circle	Bushings
2	Circle	Bushings
3	Circle	Bushings
4	Circle	Bushings
5	Circle	Drive Gear
6	Circle	Idler Gear
7	Circle	Suction Port
8	Circle	Pressure Port
9	Polygon	Mounting Flange
10	Circle	Shaft Seal
11	Polygon	Case Seal
12	Polygon	Drive Shaft

At the bottom of the editor, the Target field is set to `parts/gears.dita#gears_topic/idler_gear` and the Description field is set to `Idler Gear`. The OK and Cancel buttons are visible at the bottom right.

# Thank you!

## Questions?

<oxygen/> XML Editor

<http://www.oxygenxml.com>

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