

Package: oxview (via r-universe)

September 29, 2026

Type Package

Title Local Canvas Preview for xlsx, docx, and pptx Files

Version 0.6.9

Description Renders .xlsx, .docx, and .pptx files using the bundled '@silurus/ooxml' JavaScript/WebAssembly viewer, served locally via 'httpuv' and shown in the RStudio Viewer pane or default browser.

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Encoding UTF-8

Imports httpuv, tools, utils

Suggests openxlsx2, curl, testit, encharter, rmarkdown, knitr

Roxygen list(markdown = TRUE)

Config/roxygen2/version 8.1.0

Config/pak/sysreqs make zlib1g-dev

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Contents

ox_start_server	2
ox_stop_server	2
ox_view	2
ox_view_docx	3
ox_view_pptx	4
ox_view_xlsx	5
Index	6

ox_start_server	<i>Start (or reuse) the local oxview preview server</i>
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Description

Called automatically by `ox_view_*`(). Exposed for advance use, e.g. warming up the server before the first preview.

Usage

```
ox_start_server()
```

ox_stop_server	<i>Stop the local oxview preview server</i>
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Description

Stop the local oxview preview server

Usage

```
ox_stop_server()
```

ox_view	<i>Preview an xlsx, docx, or pptx file</i>
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Description

Dispatches to `ox_view_xlsx`, `ox_view_docx`, or `ox_view_pptx` based on type if given, otherwise on x's file extension (or, for an openxlsx2 `wbWorkbook` object, always to the xlsx viewer).

Usage

```
ox_view(  
  x,  
  interactive = NA,  
  browser = FALSE,  
  debug = FALSE,  
  type = NULL,  
  zoom = NULL,  
  select = NULL  
)
```

Arguments

x	Path or URL to an .xlsx/.xlsm/.docx/.pptx file, or an openxlsx2 wbWorkbook object.
interactive	Whether to actually open the viewer. Defaults to <code>interactive()</code> ; set explicitly to avoid depending on session state.
browser	If TRUE, force opening in the system browser instead of the RStudio Viewer pane.
debug	If TRUE, show the in-viewer debug panel (dump the viewer instance, list its methods, call any method with an argument).
type	Optionally force the format ("xlsx", "docx", or "pptx") instead of guessing it from x's extension. Useful when x is a URL that doesn't end in the actual file extension (e.g. a download endpoint with an opaque or query-string path).
zoom	Initial zoom as a scale multiplier, e.g. 1.5 for 150%.
select	What to select/open initially - forwarded to the format-specific parameter that makes sense: sheet name/1-based index (sheet) for xlsx, or a 1-based page/slide number (page/slide) for docx/pptx. For finer control (e.g. xlsx's separate cell parameter), call <code>ox_view_xlsx()</code> / <code>ox_view_docx()</code> / <code>ox_view_pptx()</code> directly instead.

ox_view_docx

*Preview a .docx file***Description**

Preview a .docx file

Usage

```
ox_view_docx(
  x,
  page = NULL,
  zoom = NULL,
  background = NULL,
  interactive = NA,
  browser = FALSE,
  debug = FALSE
)
```

Arguments

x	Path or URL to an existing .docx file.
page	Page to open initially (1-based).
zoom	Initial zoom as a scale multiplier, e.g. 1.5 for 150%.
background	Background color behind the page (any valid CSS color).

interactive	Whether to actually open the viewer. Defaults to <code>interactive()</code> ; set explicitly to avoid depending on session state.
browser	If TRUE, force opening in the system browser instead of the RStudio Viewer pane.
debug	If TRUE, show the in-viewer debug panel (dump the viewer instance, list its methods, call any method with an argument).

 ox_view_pptx

Preview a .pptx file

Description

Preview a .pptx file

Usage

```
ox_view_pptx(
  x,
  slide = NULL,
  zoom = NULL,
  background = NULL,
  interactive = NA,
  browser = FALSE,
  debug = FALSE
)
```

Arguments

x	Path or URL to an existing .pptx file.
slide	Slide to open initially (1-based).
zoom	Initial zoom as a scale multiplier, e.g. 1.5 for 150%.
background	Background color behind the page (any valid CSS color).
interactive	Whether to actually open the viewer. Defaults to <code>interactive()</code> ; set explicitly to avoid depending on session state.
browser	If TRUE, force opening in the system browser instead of the RStudio Viewer pane.
debug	If TRUE, show the in-viewer debug panel (dump the viewer instance, list its methods, call any method with an argument).

ox_view_xlsx

*Preview an .xlsx / .xlsm file or openxlsx2 workbook***Description**

Opens a live spreadsheet preview (RStudio Viewer pane, or the default browser with `browser = TRUE`) with a formula bar, cell reference box, sheet-name search, and a status bar showing count/sum/average for the current selection.

Usage

```
ox_view_xlsx(
  x,
  sheet = NULL,
  cell = NULL,
  zoom = NULL,
  interactive = NA,
  browser = FALSE,
  debug = FALSE
)
```

Arguments

<code>x</code>	Path to an existing .xlsx/.xlsm file, or an openxlsx2 <code>wbWorkbook</code> object.
<code>sheet</code>	Sheet to open initially: a sheet name, or a 1-based index. If <code>NULL</code> (the default) and <code>x</code> is a <code>wbWorkbook</code> , the workbook's current sheet is used automatically via openxlsx2's private <code>current_sheet/get_sheet_index</code> R6 fields - this reaches into another package's undocumented internals (there's no public accessor for this), so it may break across openxlsx2 versions without notice; pass <code>sheet</code> explicitly to sidestep it entirely.
<code>cell</code>	A cell reference (e.g. "B2" or "B2:D5") to select and scroll to on open.
<code>zoom</code>	Initial zoom as a scale multiplier, e.g. 1.5 for 150%.
<code>interactive</code>	Whether to actually open the viewer. Defaults to <code>interactive()</code> ; set explicitly to avoid depending on session state.
<code>browser</code>	If <code>TRUE</code> , force opening in the system browser instead of the RStudio Viewer pane.
<code>debug</code>	If <code>TRUE</code> , show the in-viewer debug panel (dump the viewer instance, list its methods, call any method with an argument).

Index

ox_start_server, [2](#)
ox_stop_server, [2](#)
ox_view, [2](#)
ox_view_docx, [2](#), [3](#)
ox_view_pptx, [2](#), [4](#)
ox_view_xlsx, [2](#), [5](#)