

# Notebook / R Markdown controls

Document render (knit) & options

Chunk insert & run

Document publish

The screenshot shows the RStudio Notebook toolbar with various icons and menus. Arrows point from specific parts of the toolbar to descriptive text blocks:

- Document render (knit) & options:** Points to the 'Preview' button (gear icon) and the 'Preview' dropdown menu.
- Chunk insert & run:** Points to the 'Insert' button (plus icon) and the 'Run' button (play icon).
- Document publish:** Points to the 'Publish Document...' button (cloud icon).
- Preview Notebook:** Points to the 'Preview Notebook' button (R logo icon).
- Knit to HTML:** Points to the 'Knit to HTML' button (HTML icon).
- Knit to PDF:** Points to the 'Knit to PDF' button (PDF icon).
- Knit to Word:** Points to the 'Knit to Word' button (Word icon).
- Knit with Parameters...:** Points to the 'Knit with Parameters...' button.
- Knit Directory:** Points to the 'Knit Directory' button.
- Clear Knitr Cache...:** Points to the 'Clear Knitr Cache...' button.
- Run Selected Line(s):** Points to the 'Run Selected Line(s)' button.
- Run Current Chunk:** Points to the 'Run Current Chunk' button.
- Run Next Chunk:** Points to the 'Run Next Chunk' button.
- Run Setup Chunk:** Points to the 'Run Setup Chunk' button.
- Run Setup Chunk Automatically:** Points to the 'Run Setup Chunk Automatically' button.
- Run All Chunks Above:** Points to the 'Run All Chunks Above' button.
- Run All Chunks Below:** Points to the 'Run All Chunks Below' button.
- Restart R and Run All Chunks:** Points to the 'Restart R and Run All Chunks' button.
- Restart R and Clear Output:** Points to the 'Restart R and Clear Output' button.
- Run All:** Points to the 'Run All' button.
- Ctrl+Enter:** Points to the 'Ctrl+Enter' keyboard shortcut.
- Ctrl+Shift+Enter:** Points to the 'Ctrl+Shift+Enter' keyboard shortcut.
- Ctrl+Alt+N:** Points to the 'Ctrl+Alt+N' keyboard shortcut.
- Ctrl+Alt+P:** Points to the 'Ctrl+Alt+P' keyboard shortcut.
- Ctrl+Alt+R:** Points to the 'Ctrl+Alt+R' keyboard shortcut.
- Manage Accounts...:** Points to the 'Manage Accounts...' button.

Whether a Notebook or R Markdown, all documents can be rendered as HTML (web), PDF or Word

Preview Notebook	✓ Preview in Window
Knit to HTML	Preview in Viewer Pane (No Preview)
Knit to PDF	✓ Preview Images and Equations
Knit to Word	✓ Show Previews Inline
Knit with Parameters...	✓ Preview Output Inline
Knit Directory	✓ Chunk Output in Console
Clear Knitr Cache...	Expand All Output
	Collapse All Output
	Clear Output
	Clear All Output
	Output Options...

Output options for different output formats are easily set here

The screenshot shows the 'Edit R Markdown Document Options' dialog box. The 'General' tab is selected. The 'Output Format' is set to 'Notebook'. The 'Include table of contents' checkbox is checked. The 'Depth of headers for table of contents' is set to 3. The 'Fold R code chunks' dropdown is set to 'show'. The 'Syntax highlighting' dropdown is set to 'default'. The 'Apply theme' dropdown is set to 'default'. The 'Apply CSS file' checkbox is checked. The 'Number section headings' checkbox is checked. The 'Browse...' button is visible.

Different options exist for one-button publication, e.g. to RStudio Connect

It is good practice to 'Restart R and Run All Chunks' every so often to ensure that your document is self-contained (does not have any external dependencies)