

Space Modeler User Guide

# Printing

April 6, 2017

# Overview

See also User Guide  
'Visualizing a space model'

1. Download space model files
- 2a. Print a space model view (any web browser)
- 2b. Print space model views (Chrome browser only)

# Overview

1. Download space model files
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# 1. Download space model files

The screenshot shows a web browser window with the URL `localhost/sp/model/create.html`. The page has three tabs: **spacepatterns**, **Create**, and **Visualize**. The **Create** tab is active. It contains the following sections:

- Upload**: A green progress bar with the text `'input_layout.dwg': Done!` and a `Select...` button below it.
- Options**: A section titled "Generated views:" with a dropdown menu set to `All`. Below it are three checkboxes:
  - Include attributes
  - Include view summaries
  - Ignore errors
- Generate**: A green progress bar with the text `View generation: Done!`. Below it is another green progress bar with the text `View analysis and formatting: Done!`.
- Two buttons: `Start` and `Visualize`.
- Download**: A section with a red box highlighting a download link: `_Space model files (.zip, 633 kb)`.

At the bottom of the browser window, a status bar shows the file path: `localhost/sp/model/server/files/m59k44rflu06eedr4qf4r5ou3/output_layouts.7z`.

# Move 'output\_layouts.zip' to project folder

The screenshot shows the Space Modeler web interface on the left and a Windows File Explorer window on the right. A red arrow points from the 'output\_layouts (30).7z' file in the download bar to the 'input\_layout.dwg' file in the File Explorer window.

**Space Modeler Web Interface:**

- Navigation: spacepatterns | **Create** | Visualize
- Upload: 'input\_layout.dwg': Done!
- Select...: [Empty]
- Options:
  - Generated views: All
  - Include attributes
  - Include view summaries
  - Ignore errors
- Generate:
  - View generation: Done!
  - View analysis and formatting: Done!
- Buttons: Start, Visualize
- Download: Space model files (.zip, 633 kb)

**Windows File Explorer (test\_user\_16):**

- Path: Computer > GEORG\_5 (H:) > Dropbox > SpaceModeler > users > housing\_kaden\_klingbeil\_berlin
- Search: test\_user\_16
- Files:

Name	Date modified	Type	Size
clean_all_except_input_layout	11/6/2016 6:26 PM	Windows Batch File	1 KB
input_layout	12/8/2016 12:31 AM	DWG File	313 KB

# Extract 'output\_layouts.zip' to project folder

The screenshot shows the Space Modeler web interface on the left and a Windows File Explorer window on the right. The web interface has three tabs: 'spacepatterns', 'Create', and 'Visualize'. Under 'Create', there is an 'Upload' section with a green progress bar and the text 'input\_layout.dwg: Done!'. Below that is a 'Select...' button. The 'Options' section has a 'Generated views:' dropdown set to 'All' and three checkboxes: 'Include attributes' (checked), 'Include view summaries' (unchecked), and 'Ignore errors' (unchecked). The 'Generate' section has a green progress bar and the text 'View generation: Done!'. Below that is another green progress bar and the text 'View analysis and formatting: Done!'. At the bottom of the 'Generate' section are two buttons: 'Start' and 'Visualize'. The 'Download' section shows a file icon and the text 'Space model files (.zip, 633 kb)'. The File Explorer window shows the path 'Computer > GEORG\_5 (H:) > Dropbox > SpaceModeler > users > housing\_kaden\_klingbeil\_berlin'. It contains a table of files:

Name	Date modified	Type	Size
clean_all_except_input_layout	11/6/2016 6:26 PM	Windows Batch File	1 KB
input_layout	12/8/2016 12:31 AM	DWG File	313 KB
output_layouts (30).7z	12/8/2016 12:12 PM	WinZip File	633 KB

A context menu is open over the 'output\_layouts (30).7z' file. The 'Extract to...' option is highlighted, and a sub-menu is open showing the following options:

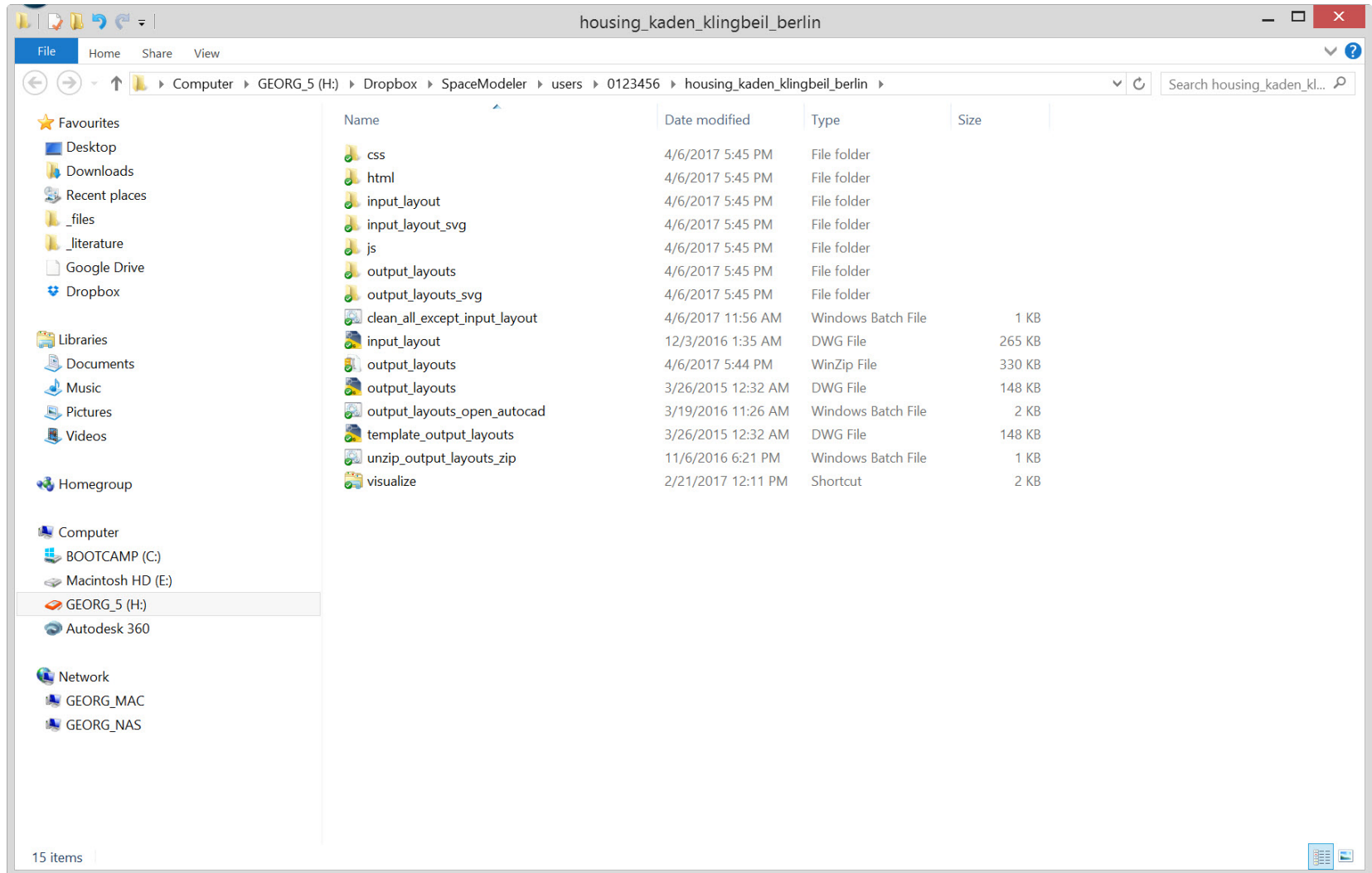
- Extract to...
- Extract to here
- Extract to folder H:\Dropbox\SpaceModeler\users\test\_user\_16\output\_layouts (30)
- Extract to folder
- E-Mail output\_layouts (30).7z
- Configure

The 'Extract to folder' option is selected, and a sub-menu is open showing the following options:

- WinZip
- Send to
- Cut
- Copy
- Create shortcut
- Rename
- Properties

The 'Extract to folder' option is highlighted in the sub-menu.

# Project folder content



# Overview

1. Download space model files
- 2a. **Print a space model view (any web browser)**
- 2b. Print space model views (Chrome browser only)



# Print a space model view (any web browser)

The image shows two overlapping Windows File Explorer windows. The top window is titled 'housing\_kaden\_klingbeil\_berlin' and shows a directory structure with folders like 'css', 'html', 'img', 'input\_layout', 'input\_layout\_pdf', 'input\_layout\_svg', 'js', 'options', 'output\_layouts', 'output\_layouts\_pbr', 'output\_layouts\_svg', and 'output\_layouts\_viewer'. The 'output\_layouts\_svg' folder is highlighted with a red box. A callout bubble points to it with the text '2. Open 'output\_layouts\_svg' folder'. The bottom window is titled 'output\_layouts\_svg' and shows a list of files. The file '1\_architectural\_1\_primary\_space\_property' is highlighted with a red box. A context menu is open over it, and the 'Open with' option is selected, showing a list of applications: CoreDRAW X6 (64-Bit), Google Chrome, and Internet Explorer. A callout bubble points to this menu with the text '3. Open target space model view image with web browser'. Below this, another callout bubble lists 'Firefox, Internet Explorer, Chrome, Safari, ...'. A first callout bubble at the top right says '1. Go to Project folder'.

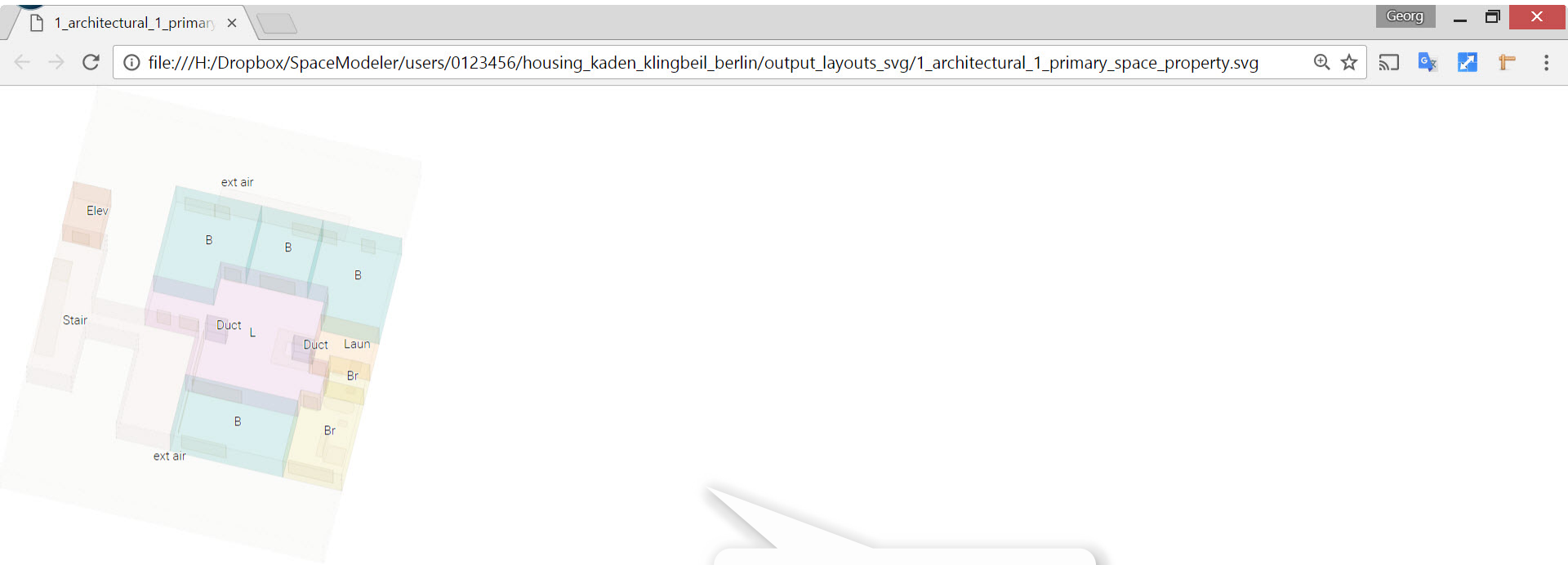
1. Go to Project folder

2. Open 'output\_layouts\_svg' folder

3. Open target space model view image with web browser

Firefox, Internet Explorer, Chrome, Safari, ...

# Print a space model view (any web browser)



4. Print from web browser

# Overview

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- 2b. **Print space model views (Chrome browser only)**



Poor quality printing in  
Firefox and Internet Explorer

# Print space model views (Chrome browser only)

The image shows a Windows File Explorer window titled 'housing\_kaden\_klingbeil\_berlin'. The address bar shows the path: 'Dropbox > SpaceModeler > users > 0123456 > housing\_kaden\_klingbeil\_berlin'. The main pane displays a list of folders and files. A red box highlights the 'html' folder. A callout bubble points to it with the text: '2. Open 'html' folder (Chrome not default browser)'. Another callout bubble points to the top of the window with the text: '1. Go to Project folder'. A second File Explorer window is open, showing the path: 'Computer > GEORG\_5 (H:) > Dropbox > SpaceModeler > users > 0123456 > housing\_kaden\_klingbeil\_berlin > html'. A red box highlights the file 'small\_multiples\_local.html'. A callout bubble points to it with the text: '3. Open file 'small\_multiples\_local' in Chrome browser'. A context menu is open over the file, and a red box highlights the 'Open with' option. A sub-menu is open, showing 'Google Chrome' as the selected option. A callout bubble points to this sub-menu with the text: '2. Open link 'visualize' (Chrome default browser)'. The status bar at the bottom of the second window shows '1 item | 1 item selected 5.87 KB'.

1. Go to Project folder

2. Open 'html' folder (Chrome not default browser)

2. Open link 'visualize' (Chrome default browser)

3. Open file 'small\_multiples\_local' in Chrome browser

# Print space model views (Chrome browser only)

The screenshot shows a Chrome browser window with a print dialog open. The browser's address bar shows the URL: `file:///H:/Dropbox/SpaceModeler/users/0123456/housing_kaden_klingbeil_berlin/html/small_multiples_local.html`. The print dialog is titled "Print" and indicates "Total: 2 pages". It features a "Save" button and a "Cancel" button. The "Destination" is set to "Save as PDF" with a "Change..." button. The "Pages" section has "All" selected. The "Layout" dropdown is set to "Portrait" and is highlighted with a red rounded rectangle. The "Paper size" dropdown is set to "A1". The "Margins" dropdown is set to "Default". Under "Options", "Background graphics" is checked. A white callout box with a pointer to the "Layout" dropdown contains the text: "Experiment with Layout/Paper size". The background of the browser window displays a grid of architectural floor plans and diagrams.

# Print space model views (Chrome browser only)

Print

Total: 2 pages

Save Cancel

Destination Save as PDF  
Change...

Pages All  
e.g. 1-5, 8, 11-13

Layout Portrait

Paper size A2

Margins Default

Options Headers and footers  
Background graphics

Experiment with Layout/Paper size

1

+

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Space Modeler User Guide – Printing

# Print space model views (Chrome browser only)

The screenshot shows a Chrome browser window with two tabs: '1\_architectural\_1\_primari...' and 'small\_multiples\_local.htm...'. The address bar shows the file path: 'file:///H:/Dropbox/SpaceModeler/users/0123456/housing\_kaden\_klingbeil\_berlin/html/small\_multiples\_local.html'. The print dialog is open on the left side of the browser window. The print dialog has the following settings:

- Print**: Total: 3 pages. Buttons: Save, Cancel.
- Destination**: Save as PDF. Button: Change...
- Pages**: All (selected). Input field: e.g. 1-5, 8, 11-13.
- Layout**: Portrait (highlighted with a red box).
- Paper size**: A3 (highlighted with a red box).
- Margins**: Default.
- Options**: Headers and footers (unchecked), Background graphics (checked).

The main content area of the browser shows a grid of nine architectural views arranged in a 3x3 layout. The top row shows three views of a room with pink walls and a window. The middle row shows three views of a room with blue walls and a window. The bottom row shows three views of a room with pink walls and a window, with red lines indicating connections or paths. A callout bubble with the text 'Experiment with Layout/Paper size' points to the 'Portrait' and 'A3' options in the print dialog.