

Advanced Drawing Tools — User Guide

v1.0p

Advanced Drawing Tools (ADT) is a drawing and annotation add-on for Bookmap. It provides a floating tool palette with 28 tools, an objects window that lists everything you have drawn, per-type style defaults, layers, scheduled lines, a Storyboard for prepared presentations, a daily journal, drawing sharing, and live rooms. Drawings are saved per instrument and per session day and reload across Bookmap restarts.

In Bookmap's add-on list the tool appears as **Advanced Drawing Tools**. This guide uses the short form **ADT** where it reads better.

ADT is a drawing and annotation tool. It does not place orders and does not track live fills. See the risk disclaimer at the end.

The current version of this guide is always at <https://sdes.dev/adt/>, alongside the quick start. If you are reading a printed or saved copy, check there for a newer one.

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1. What it is, and where its data lives

ADT is a Bookmap Layer1 add-on by SDES. It is a paid add-on distributed through the Bookmap Marketplace, and your access is managed through your Bookmap Marketplace subscription.

Everything it saves lives in its own data folder, `~/.abdt-advanced`: settings, per-day drawing files, journal pages, and its log. It does not write into Bookmap's own files.

What	Where
Settings	<code>~/.abdt-advanced/settings.properties</code>
Drawings	<code>~/.abdt-advanced</code> , one CSV per instrument per session date
Journal pages	<code>~/.abdt-advanced</code>
Log	<code>~/.abdt-advanced/abdt.log</code>

1.1 What you need

ADT runs inside Bookmap, on the Java runtime Bookmap ships with. There is nothing separate to install and nothing to configure outside Bookmap.

What	What ADT needs
Bookmap	ADT is developed and tested on Bookmap 7.7.0 (build 22) . It uses Bookmap's Layer1 add-on API at API level 2.
Java	None to install. ADT is built for Java 11 and runs on the Java runtime included with Bookmap.
Operating system	ADT is developed and tested on Windows . It is a Java add-on and one feature is platform-dependent: the spoken alarm announcement uses the operating system's own speech engine, so on a machine without one the alarm still sounds and still marks the chart, and only the spoken words are skipped. Every other feature is platform-independent.
Internet	Only for the features that need it: short share codes, live rooms, and the optional once-per-session update check. Everything else, including drawing, saving, layers, Storyboard and the journal, works with no network connection at all.

2. Install and enable

1. Add Advanced Drawing Tools to Bookmap from the Bookmap Marketplace. Your access comes with your Marketplace subscription.
2. In Bookmap, open **Settings** → **Api plugins configuration**, confirm Advanced Drawing Tools is added, and enable it on your chart.
3. The floating tool palette opens. Click a tool, click the chart, draw.

Bookmap's Configure add-ons panel shows ADT's launcher with buttons that open the settings window, the tool palette, the objects window, and the Daily Journal. All settings live in the popout settings window rather than in the Bookmap panel.

[CHART IMAGE — SHOT 22] *Bookmap's Api plugins configuration panel with ADT enabled.*

3. Essential and Advanced modes

ADT has two interface modes. They are set in **Settings** → **General** → **Interface mode**:

- **Essential** — drawing tools and core object list
- **Advanced** — layers, storyboards, and quick annotations

A new installation starts in Essential. Below the two options sit three checkboxes — **Layers**, **Storyboard**, and **Quick Annotations** — which are only enabled while Advanced is selected, so you can turn on one Advanced surface without turning on all three.

Switching modes only changes which controls are visible. It never deletes layers, storyboards, quick annotations, or drawings, and you can switch back.

What each toggle controls

Toggle	Surfaces it shows
Layers	The quick-layer strip on the palette, and the objects window's Layers tab
Storyboard	The objects window's Storyboard tab
Quick Annotations	The Quick Annotations launcher on the palette, and the Quick Annotations window

Verified in the realized product: in Essential the objects window shows only **Objects** and **Review**; in Advanced it shows **Objects**, **Review**, **Layers**, and **Storyboard**.

Interface mode

☐ Essential — drawing tools and core object list
☒ **Advanced** — layers, storyboards, and quick annotations
 Essential is the default for a clean start. Advanced features can be enabled independently below.
☒ Layers ☒ Storyboard ☒ Quick Annotations

Windows

☒ Tool palette: show now and restore at startup
☒ Objects window: show now and restore at startup
☐ Quick Annotations: show now and restore at startup
☐ Daily Journal: show now and restore at startup
☒ Show journal buttons on palette
The palette shows a live object-count badge; all windows remember their size + position across restarts. Object tree hover hints.

☒ Show hover hints on object tree rows

Timestamps

How Review markers and object-row times are shown (drawings keep one absolute instant):

Display timezone:

Editing

How many drawing changes Undo/Redo can step back (0 turns Undo off):

On-chart indicators

Legend defaults (new legends)
 Defaults for new legends — instrument: ES25
 New local legends start with these appearance settings. Shared panels use them until customized.

Font size Style Text ☐ Background ☐ Background opacity

☒ Show the selection box around a selected drawing
☒ Mark adopted drawings on the chart

Replay

Reveal drawings only as the replay clock reaches them (no spoilers). Off shows everything.

☐ Reveal as the replay plays

Session

Trading-day boundary (when the day rolls over for saved drawings):

Day rolls at (HH:mm): : (session zone, default 18:00)

Data

Drawings are saved per session date; persisted ones show on every session.

Reset every SETTING to its default. Your saved drawings are NOT affected.

Back up & restore

Create a portable .zip of drawings. Persist history, schedules, journals, portable preferences, and optional shared drawings. Restore replaces those domains; identity, license, logs, and network state stay local.

Interface mode, on the General tab

No drawing tool is hidden by Essential mode. Every tool on the palette is available in both modes. The one exception is the visual-annotation stamp, which is placed from the Quick Annotations window and is therefore unavailable while that surface is off.

Throughout this guide, surfaces that require Advanced are marked **(Advanced)**.

4. First-run tour

On a new installation ADT offers a short, optional tour once the palette is ready. It teaches the everyday workflow on the real palette, chart, objects window, journal, and settings. The completion screen lets you start drawing immediately or continue into further topics.

The tour is safe to skip at any point. While it runs it may temporarily move the tour card, the palette, and one supporting window. Finishing, skipping, closing the card, or shutting down restores the arrangement it captured beforehand. Anything you draw, edit, or write during the tour remains yours. The tour never creates, deletes, or shares drawings, and never changes your settings.

You can replay it at any time from **Settings** → **About**:

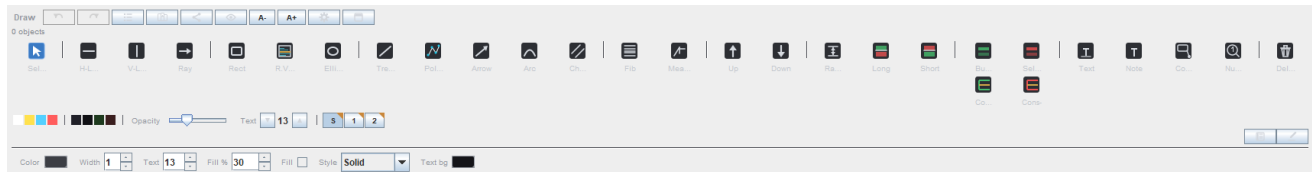
- **Take the tour again** replays the full orientation.
- **Replay one topic** opens one lesson from a list.

- **Explore controls** offers focused **Palette controls**, **Drawing tools**, and **Layers** walkthroughs. The Layers walkthrough is offered only when that surface is visible.

5. The tool palette

The palette window is titled **Advanced Drawing Tools**. It holds every tool, the quick style controls, and buttons for the other windows.

[CHART IMAGE — SHOT 1] *The palette in place on a live chart, clear of the price action.*



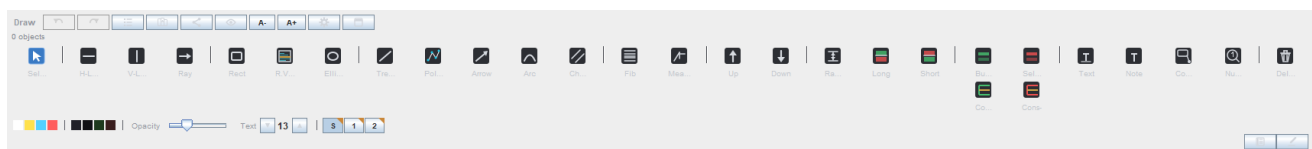
The tool palette, Expanded layout

5.1 Layouts

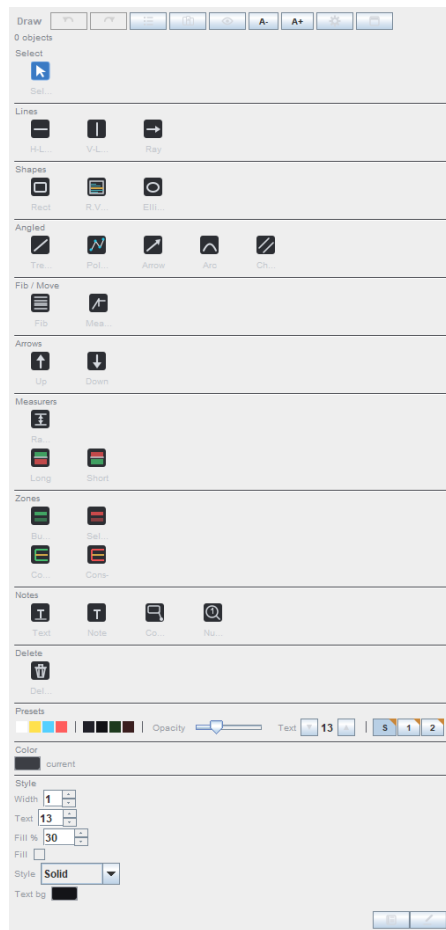
Four layouts. Change them in **Settings → Tool Palette → Palette layout**, or click the layout button in the palette header, which cycles Minimal → Expanded → Legacy → HUD.

Layout	What it is
Minimal	A titled window with a horizontal tool strip and the color presets.
Expanded	Minimal plus the style-controls row pinned open.
Legacy	A vertical column with tools stacked in labeled sections, in a fixed order.
HUD (frameless icon strip)	No window frame: an icon strip with a drag tab on its left edge and a bottom control row.

[CHART IMAGE — SHOT 2] *The same chart and drawings in each of the four layouts.*



Minimal layout



Legacy layout



HUD layout

The layout button's tooltip names the layout you are on and the one the next click switches to, for example Palette layout: Expanded – click to switch to Legacy (the original column).

The HUD remembers its own position and size separately from the other layouts. You leave the HUD with the chevron at its right end or from its right-click menu.

5.2 Header controls

In the labeled layouts the header carries, left to right: the Draw tag, **Undo**, **Redo**, an objects-window toggle, a **Quick Annotations** launcher (**Advanced**), a share launcher, a hide/show-all eye button, **A-**, **A+**, the settings gear, and the layout button.

Below the toolbar sits a live object-count badge that reads 0 objects, 1 object, 247 objects, and so on. It counts the chart you last hovered.

The eye button hides and shows every drawing at once. This is visibility only; nothing is deleted.

There is no separate collapse button on the palette. Closing the window with X hides it.

The share launcher is present in the Minimal, Expanded and HUD layouts. It is not shown in Legacy.

5.3 Color presets and the style strip

Every layout carries a preset row: four foreground color swatches, four background color swatches, an opacity slider, and a Text size stepper. Left-click a preset swatch to apply it; right-click it to change what it holds.

The Expanded layout adds a style row with Color, Width, Text, Fill %, Fill, Style, and Text bg. Legacy shows the same controls stacked vertically. Minimal and HUD do not carry the style row; use each drawing's own editor instead.

Every color control in ADT works the same way: click the colored swatch itself to open the picker.

5.4 Arming and placing

- Click a tool to **arm** it, then click the chart to place. After one placement the tool returns to Select.
- **Double-click** a tool to arm it **sticky**: it keeps placing until you choose Select or press Esc.
- Exactly one tool is armed at a time, and the highlighted button is always the armed tool.
- With Select active the chart behaves as it does without the palette. Background clicks pan; only your drawn objects claim their own pixels.

[CHART IMAGE — SHOT 3] *A sticky-armed tool and a placement in progress.*

A completing click placed within about four pixels of the first anchor is treated as a slip, is rejected, and leaves the tool armed.

5.5 Reordering and hiding tools

Drag a tool icon on the palette to reorder it in the **Minimal**, **Expanded** and **HUD** layouts. Legacy keeps its fixed order. The drag begins after about six pixels of movement, so a plain click still arms the tool. Esc cancels a drag in progress.

Once you set a custom order, Minimal and Expanded render one flat strip without the built-in group separators.

Hide tools you do not use in **Settings** → **Tool Palette** → **Show / hide tools**. A checked box means the tool is shown. **Select** and **Delete** are always present and cannot be hidden.

Revert to defaults on that tab resets both the order and the show/hide choices.

5.6 Routing new drawings to a layer (Advanced)

Right-click a drawing tool on the palette to set a standing destination for it. The menu carries a submenu titled Route new <family> drawings to, listing the named layers on that chart, plus **Cancel routing**.

New drawings from that tool then go to that layer without changing the layer you have selected. The route survives restarts until you change it, cancel it, or delete the target layer. Existing drawings never move when a route is changed or canceled.

A routed tool carries a small blue mark on the top-left corner of its glyph. Locked layers appear in the submenu but are disabled. If there are no named layers yet, the submenu is disabled and explains that you need to create one first.

[CHART IMAGE — SHOT 13] *A routed tool's blue corner mark on the palette glyph.*

Long and Short positions share one route, Buyers and Sellers zones share one route, and the two consolidation brackets share one route. Every other tool routes independently.

6. The drawing tools

28 tools are available on the palette. The table gives the name on the palette button, the fuller name used in the settings show/hide list, and how the tool is placed.

Palette	Name in settings	Placement
Select	Select	The resting state. No tool armed.
H-Line	Horizontal line	One click. A horizontal line at the clicked price.
V-Line	Vertical line	One click. A vertical line at the clicked time.
Ray	Ray	One click. A horizontal line extending right from the clicked point.
Rect	Rectangle	Two clicks, corner to corner.
R.V.P.	R.V.P. — Range Volume Profile	Two clicks, corner to corner. See section 10.
Ellipse	Ellipse	Two clicks. Hold Shift for a true circle.
Arc	Arc	Three clicks: start, end, then bow the curve.
Trend	Trend line	Two clicks. Hold Shift to keep it horizontal.
Polyline	Polyline	Click each anchor. Double-click or Enter finishes; Backspace removes the last point; Esc cancels; Shift constrains the next segment. Up to 64 anchors.
Channel	Channel	Three clicks: base line A to B, then the parallel rail.
Arrow	Arrow line	Two clicks, arrowhead at the second point.
Fib	Fibonacci	Two clicks across the swing. Draws retracement and extension levels.
Measured	Measured move	Three clicks: leg A to B, then the projection point.
Up	Arrow up	One click.
Down	Arrow down	One click.

Palette	Name in settings	Placement
Range	Price range	Two clicks. A price-range readout.
Long	Long position	One click places the whole position template at the entry.
Short	Short position	One click places the whole position template at the entry.
Text	Text label	Click, then type.
Note	Note	Click, then type. Text on a box.
Comment	Comment	A box with a leader line to the anchor point.
Number	Numbered callout	Two clicks: the chart anchor, then the numbered bubble.
Buyers	Buyers zone	One click. A translucent band at the clicked price.
Sellers	Sellers zone	One click. A translucent band at the clicked price.
Cons+	Consolidation bracket (buy)	One click. A right-open band with a movable HVN line.
Cons-	Consolidation bracket (sell)	One click. A right-open band with a movable HVN line.
Delete	Delete	Click an object to delete it.

Two further objects are not palette tools:

[CHART IMAGE — SHOT 4] *A representative spread of drawing types on one chart.*

- The **visual annotation** stamp is armed from the Quick Annotations window (**Advanced**) and placed with one chart click. See section 9.
- A **reference marker** is dropped with the *Drop reference marker* hotkey. Markers appear in the objects window's **Review** tab rather than the drawing list, and a marker with a note also appears in that day's journal. See section 15.

6.1 Long and Short positions

One click places the entire position at the entry: the stop seeds one way and the target the other, direction-correct. The defaults are a 3.0-point stop and a 6.0-point target, and both are set in **Settings** → **Drawing** → **Long / Short position defaults**.

Drag the entry, stop and target independently. The box is horizontally resizable. Dollar figures use the \$/point value, which is auto-detected from the symbol by default with a manual override on the Drawing tab.

It is a drawing, not an order.

[CHART IMAGE — SHOT 5] *A Long position showing entry, stop, target and the R:R pill.*

6.2 Consolidation brackets

Cons+ and **Cons-** each drop a band anchored at the clicked time that extends right, with a movable **HVN line** inside it. The two tools differ in the default color a new bracket is stamped with.

Drag the band's top and bottom edges to set the consolidation high and low, drag the bracket to move it, and drag the HVN line to the high-volume node. The HVN line stays inside the band.

Double-click a bracket for its editor. A padlock at the bracket's top-left corner locks its position; it is shown on hover while unlocked and shown permanently while locked. A locked bracket refuses every drag, but you can still select it, open its menu, and open its editor.

Hovering a bracket line shows that line's price in a tag at the right edge of the chart, so it stays readable when the bracket's anchor has scrolled off to the left. This is controlled by **Show prices on hover** and **Hover price offset (px)** on the Zones tab.

New-bracket colors, fill and opacity live in **Settings** → **Zones** → **Consolidation brackets**.

[CHART IMAGE — SHOT 6] *A consolidation bracket with its HVN line and a hover price tag.*

[CHART IMAGE — SHOT 7] *The same bracket locked, showing the padlock at its top-left corner.*

6.3 Line styles and the live edge

Lines can be **Solid**, **Dashed**, **Wide dash**, **Dotted**, or **Dash dot**. Angled tools support extension; on a channel this extends both rails.

The **Live edge** section of the Drawing tab holds **Keep entire drawings left of the live order line**, **Keep drawing anchors left of the live order line**, a manual **Live-edge offset (px)** nudge, and **New drawings project past the live edge (default)**.

6.4 Price-cross alarms

An H-Line or ray can carry an alarm. Its editor has an alarm section with a direction choice, a repeat option, an option to speak the drawing's name, and a per-drawing sound.

The global switches live in **Settings** → **Drawing** → **Line-cross alarm sound**: an **Alarm sound** choice of Beep, Chime, Ding, Bell, Alert or Knock, a **Test** button, and a separate voice option that is marked experimental because it depends on your operating system's speech engine.

Show alarm markers on chart controls the small bell marker drawn at the line.

[CHART IMAGE — SHOT 18] *An H-Line alarm's bell marker on the chart.*

Consolidation brackets do not carry alarms.

7. Selecting and editing drawings

- **Select**: single-click a drawing. Selection is two-way with the objects window: pick a row and the chart highlights, pick on the chart and the row highlights.
- **Double-click** a drawing to open its editor. Every type has one.
- **Right-click** a drawing for its menu.
- **Undo / Redo** from the palette header or the hotkeys. The depth is set by **Undo history depth (0-200)** on the General tab, default 50. Setting it to 0 turns Undo off.

- Every editable text, number and time field selects all of its content when it gains focus, so you can type straight over an existing value.

7.1 How editing works

Editing, moving and locking an existing drawing happen in the add-on's Select mode. Choose the **Select** tool, then click to grab, move or resize, or **Shift+right-click** the drawing to lock or unlock its position.

Under Bookmap's current add-on interface the hover affordances for editing an existing drawing, such as grab handles and resize edges, resolve in Select mode. This is expected behavior rather than a fault. A locked bracket can still be unlocked from its permanently shown padlock in any mode.

A completed lock or unlock is one Undo step.

7.2 Set as default

Set as default, on every editor and every right-click menu, captures that drawing's style as the default for **new** drawings of the same type: color and opacity, line style and width, arrow size and head style, text size, and the label settings. For a note or comment it captures the text styling and the leader line, never the text itself.

Existing drawings are never restyled.

Reset drawing defaults... on the Drawing tab restores the standard style for new drawings and clears every per-type value you have set. Existing drawings keep their current look, because each drawing's style is written onto the drawing itself before the defaults are cleared. Window positions, hotkeys, schedules, journal and alarms are unaffected.

8. Storyboard

(Advanced — enable Storyboard in Settings → General → Interface mode.)

Storyboard is a preparation tool for teaching and review. You organize drawings into ordered steps ahead of time, then reveal them one step at a time so an audience does not see the whole picture at once.

The first time you check the **Storyboard** box, ADT explains what it is and asks you to confirm with **Enable Storyboard** or **Not now**. **Not now** leaves it off.

Storyboard lives on its own tab in the objects window.

8.1 Preparing a story

The action row carries **New step**, **Templates...**, **Start Story**, and **Reset Storyboard...** **Start Story** is available once at least one step exists.

Below it, a **Layer:** filter narrows only the Unassigned candidate list. It never changes existing membership. Beside it a count reads how many drawings are selected, with a **Clear selection** button.

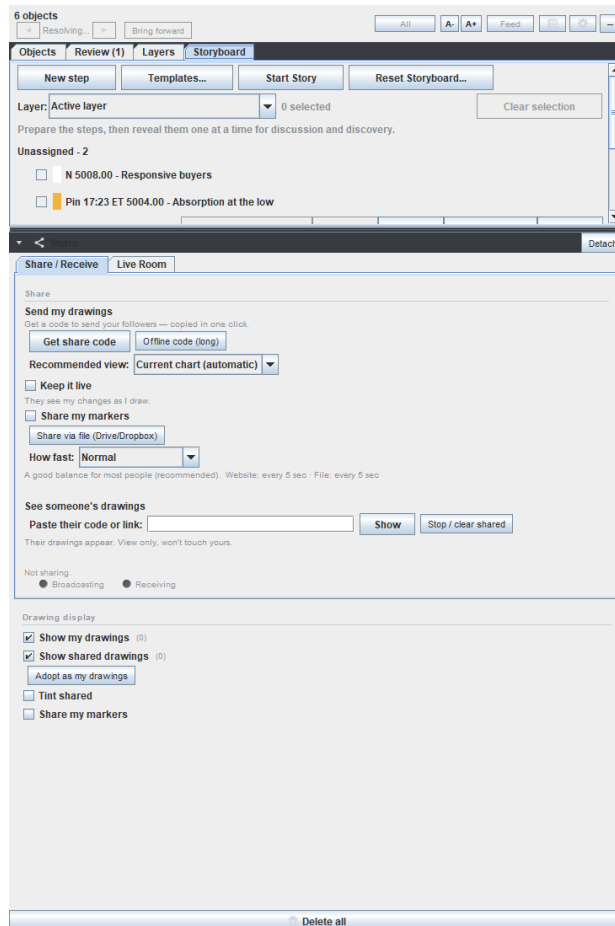
Drawings you have not assigned appear under **Unassigned**. Each step appears as its own section headed with its position, its name, and how many drawings it holds. Each step header carries **Add selected (N)**, arrows to move the step earlier or later, **Rename**, and a trash button that deletes the step while keeping its drawings.

To assign a drawing, select it and press **Add selected** on the target step, or drag its row. You can also drag step headers to reorder steps, and drag drawings within and between steps.

Templates save and reuse step *names* only. They never store drawings or assignments.

8.2 Remove versus Delete — read this before you use Storyboard

This is the single most important distinction in Storyboard.



The Storyboard tab, showing Remove on each member row

Remove takes the drawing out of the step. **The drawing survives** — it stays on the chart and returns to the Unassigned list.

The Delete key destroys the drawing itself, everywhere. It is removed from the chart and from every step it belongs to. It is not a Storyboard-scoped action.

A drawing you have selected by clicking its row in the Storyboard panel will prompt before the Delete key destroys it. The confirmation is titled **ADT — Delete drawing** and states:

Delete this drawing?

This deletes the drawing itself, everywhere. It is not just removed from the Storyboard: it disappears from the chart and from every step it belongs to.

To take it out of this step and keep the drawing, cancel and use the row's Remove button instead.

Undo restores a deleted drawing and its Storyboard step.

The confirmation cannot be turned off, and there is no "do not ask again" option.

Two things to be clear about:

- The prompt appears when the drawing was selected from the **Storyboard panel**. Deleting a drawing selected from the chart, from the Objects tab, or from its editor behaves as it always has and does not prompt.
- Undo restores either action. Undo after **Remove** puts the drawing back in its step; Undo after **Delete** restores the drawing and its Storyboard membership.

If you only want the drawing out of this step, use **Remove**.

8.3 Playing a story

Start Story hides the drawings assigned to steps you have not reached yet. Unassigned drawings stay visible throughout, as do drawings in steps already revealed.

Playback opens a small always-on-top controller window titled **ADT - Storyboard** with a status line and four controls:

Control	What it does
Back	Step back one step.
Next	Reveal the next step.
Show All	Reveal everything. The same button then reads Resume and returns you to the step you were on.
Exit	End playback and restore the normal chart.

Show All and **Resume** are one button, not two.

Playback only changes what is shown. It never changes a drawing, so **Exit** puts the full scene back. Closing the controller window does the same thing as **Exit**.

[CHART IMAGE — SHOT 14] *A story stopped on step 2 of 3, with later steps hidden on the chart.*

[CHART IMAGE — SHOT 15] *The same story after **Show All**, with the button reading **Resume**.*

9. Quick Annotations

(Advanced — enable Quick Annotations in Settings → General → Interface mode.)

Quick Annotations is a tray of up to ten preset stamps for marks you place repeatedly. The window is titled **Advanced Drawing Tools — Quick Annotations** and has a drag grip on its left edge.

Each preset holds a glyph, a caption, a color, and a position. The gear button at the end of the rail opens a menu with **Add quick annotation**, an **Edit quick annotation** submenu, an orientation item that switches between a horizontal row and a vertical column, a density item that switches between showing the wording and glyph-only, and **Hide Quick Annotations**.

The preset editor has four fields: **Glyph**, **Caption**, **Color** with a **Use default** button, and **Position**. Position is both the place in the tray and the stable hotkey slot, so *Arm Quick Annotation 3* always arms the preset in position 3. Moving a preset into an occupied position swaps the two.

Placing is two steps and never happens by accident:

1. **Arm** a preset by clicking its tile, pressing its bound hotkey, or pressing Space or Enter on a focused tile. Clicking the armed tile again disarms it. Arming creates nothing.
2. **Place** it with one click on the chart. The stamp is placed once and the preset disarms.

A placed stamp keeps the glyph, wording and color it had at the moment you placed it, so later edits to a preset never rewrite stamps already on the chart.

Right-click a tile to edit that preset. Arming any other tool cancels a pending Quick Annotation.

The rail switches between showing captions and glyph-only automatically as you resize the window.

[CHART IMAGE — SHOT 16] *The Quick Annotations rail with a preset armed and stamps placed.*

10. Range Volume Profile

Two clicks box a time and price range. Every trade executed inside the box is counted, and the volume at each price draws as a horizontal bar growing from the box's left edge. The longest bar is the most-traded price. The count uses the market's executed trades, never your own fills.

An R.V.P. cannot be dragged, resized, or placed past the live price line; its right edge stops on the line.

Double-click the box to open its editor, titled **R.V.P. Appearance**. Its sections are:

Volume profile — Color, Opacity, a **Show profile** choice of Always, On hover or Hidden, and **Show volume values**, which prints each price level's traded volume on its bar. When zoom collapses several price rows into one band, the band shows one summed value; zooming back in restores the exact per-price values. Numbers that cannot fit are hidden, and zoom never changes the underlying counts.

Range box — border color, opacity, thickness and style, plus fill color and opacity. Line styles are Solid, Dashed and Dotted.

Range High / Low extensions — a color, thickness and style for each of Range High and Range Low; **Extend Range High to the right**; **Extend Range Low to the right**; **Auto-extend right (follow live price)**; **Show Range High label**; **Show Range Low label**.

Micro VPOC (mPOC) — the mPOC marks the box's most-traded price. Alongside color, opacity, thickness and style there is an **mPOC style** choice with two looks, only one of which shows at a time:

- **Line** — a straight line across the box at the current mPOC.
- **Migration path** — a step line showing where acceptance moved as the profile developed.

This section also holds **Show mPOC**, **Extend mPOC to the right**, **Show mPOC label**, and a **Label opacity** slider. Note that Label opacity is one shared control: it fades the Range High and Range Low label chips as well as the mPOC label.

The footer has **Set as Default**, which saves the current appearance as the starting point for new R.V.P.s, and **OK** and **Cancel**. Cancel, Esc, and closing the window all roll back to the appearance you started with. Every change previews live before you commit it.

10.1 Following live price

Two ways to bring a profile up to the live edge:

- **Extend R.V.P. to live** — a hotkey. Hover a profile and press the key; its right edge jumps to the current time as an ordinary undoable edit. It costs nothing until pressed. A locked box refuses.
- **Auto-extend right (follow live price)** — a checkbox in the editor and a **Toggle R.V.P. auto-extend** hotkey. While it is on, the right edge follows the clock and the profile re-counts as it develops. It is off by default because it uses more resources than a fixed profile.

How often an auto-extending profile re-counts is set in **Settings** → **Drawing** → **R.V.P.** → **Auto-extend update rate**, which offers 2, 5, 15, 30 and 60 seconds. The default is 5 seconds.

10.2 In replay

In Bookmap replay a profile shows **Unavailable in Replay** instead of a profile. Replay does not expose the exact trade data an accurate count needs, so ADT reports that honestly rather than showing an approximate profile.

Other status messages you may see are R.V.P. loading while data is still arriving, R.V.P. developing while a profile is being built, and R.V.P. no trades for a range with no executions in it.

There is a limit of 128 active profiles across your drawings.

[CHART IMAGE — SHOT 8] An R.V.P. over real volume with per-price volume values and the mPOC.

[CHART IMAGE — SHOT 9] The same profile with the mPOC set to Migration path.

[CHART IMAGE — SHOT 10] A profile with auto-extend following live price.

[CHART IMAGE — SHOT 11] An R.V.P. in replay showing the Unavailable in Replay notice.

11. The objects window

The window is titled **Advanced Drawing Tools — Objects** followed by the instrument, for example **Advanced Drawing Tools — Objects — ESZ5**.

Its header shows the object count, then a session-scope line and a day navigator with **Prev** and **Next** arrows around the day label and a **Bring forward** button. Browsing a prior day's saved file is read-only; **Bring forward** pulls that day's drawings into the current day, and is additive — it never removes or changes anything already there.

Also in the header: an **All / This day** filter (the default is All, and it affects the list only — the chart still shows every drawing), **A-** and **A+** for this window's text size independently of the palette, a **Feed** button, a journal button, the settings gear, and a collapse control.

The center tabs are:

Tab	What it holds	Mode
Objects	Every drawing on this chart.	Both
Review	Your reference markers in time order. The tab title carries a count, for example Review (1) .	Both
Layers	Organize drawings into layers.	Advanced

Tab	What it holds	Mode
Storyboard	Assign drawings to presentation steps.	Advanced

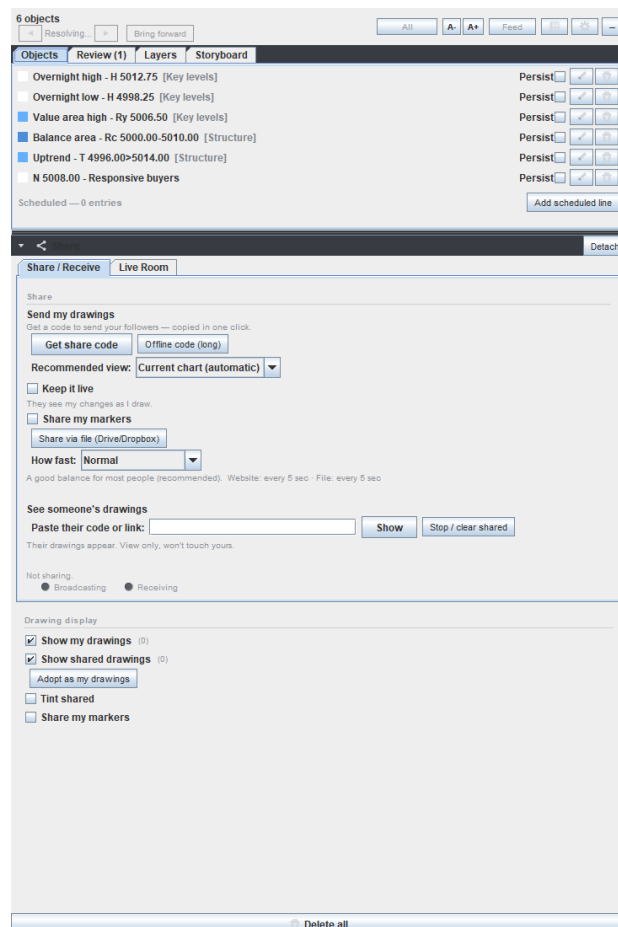
Each row in the Objects list carries a color chip, a label that combines the drawing's name, its type and its price, its layer in muted text, a **Persist** checkbox, an edit button, and a delete button. Objects with **Persist** checked show on every session rather than only the day they were drawn.

At the foot of the Objects tab sit the scheduled-lines summary and an **Add scheduled line** button. At the very bottom of the window is a **Delete all** control, which is confirmation-guarded and scoped to the current session date.

The **Feed** button opens a chooser that maps the chart tab to a market's drawing store, so two chart tabs on the same instrument share one set of drawings. Different instruments are never merged unless you map them. The mapping is remembered.

Below the list is the **Share** area, separated by a draggable splitter whose position is remembered. It can be collapsed, and a **Detach** button moves it to its own window and back.

Closing the window with X hides it and destroys nothing.



The objects window, Objects tab

12. Layers

(Advanced — enable **Layers in Settings** → **General** → **Interface mode**.)

Layers group drawings on one instrument. Drawings that are not filed into a named layer live on the **Scratch Pad**. You can have up to eight named layers per instrument.

12.1 The quick-layer strip

The palette carries a strip of slots: **S** for the Scratch Pad, then a numbered slot for each layer, a **+** token for preserved legacy layers beyond eight, and a Room slot when one applies.

Gesture	Result
Single click	Select that layer as the destination for new drawings.
Double-click	Show or hide that layer.
Shift + right-click	Lock or unlock that layer.
Space or Enter on a focused slot	Select it immediately.

ADT deliberately waits through your operating system's double-click interval before completing a single click, so it can tell the two gestures apart without briefly selecting a layer you meant to hide. If you want a snappier switch, shorten the Windows mouse double-click interval.

A plain right-click on a numbered slot does nothing. The Scratch Pad has no lock, so Shift+right-click on **S** does nothing.

12.2 The Layers tab

The tab lists the Scratch Pad, the shared Room row, and each named layer, with an action row carrying **New layer** at the top and a **Tool routing** summary at the bottom.

Each named layer row has:

- Its number, name and drawing count, for example 2. **Structure** - 2.
- A **scope** control choosing Local or Shared. Local stays private; Shared is eligible for copying, files, and cloud sharing.
- **Show** to hide or show the layer.
- **Lock** to make its drawings read-only.
- **Rename** and **Delete**, both disabled while the layer is locked.
- An **Active** / **Use** button. The active layer's button reads **Active**; every other layer reads **Use**.

The Scratch Pad cannot be locked, renamed, or deleted.

Deleting a layer that still holds drawings asks where those drawings should go, and tells you whether the destination is Shared or Local before you commit. Drawing identity, geometry, Persist and Storyboard membership are all preserved by the move.

12.3 Reordering layers by dragging

Drag a layer's header row up or down to reorder the layers. Dropping on the top half of another layer's header places the dragged layer before it; dropping on the bottom half places it after. An insertion line shows exactly where it will land.

The new order is saved, survives a restart, and is restored by one Undo. Reordering rennumbers the layers, which also rennumbers the quick-layer slots on the palette.

Two restrictions, both silent:

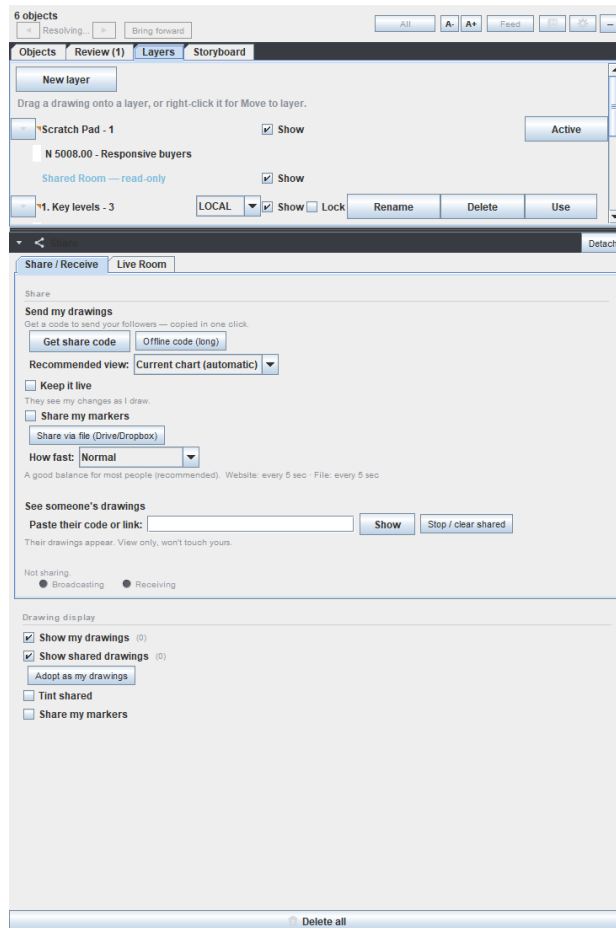
- A **locked** layer cannot be dragged, and nothing can be dropped onto a locked layer. The refusal is deliberate and nothing moves.
- The **Scratch Pad** and the shared Room row cannot be dragged.

Dragging a *drawing* is a separate gesture. Dropped within its own layer it changes the order it appears in the list, which is presentation order only and does not change what is drawn on top on the chart. Dropped on another layer it moves the drawing there. Dropped on a layer header it goes to the head of that layer.

12.4 Layer cues

- An **orange dog-ear** in a slot's top-right corner means that layer currently holds drawings.
- A **padlock** in the bottom-right corner, with the slot dimmed, means the layer is locked.

[CHART IMAGE — SHOT 12] *Layers in use, with the quick-layer strip showing the orange dog-ear and the locked-slot padlock.*



The Layers tab

12.5 Recovering drawings whose layer is gone

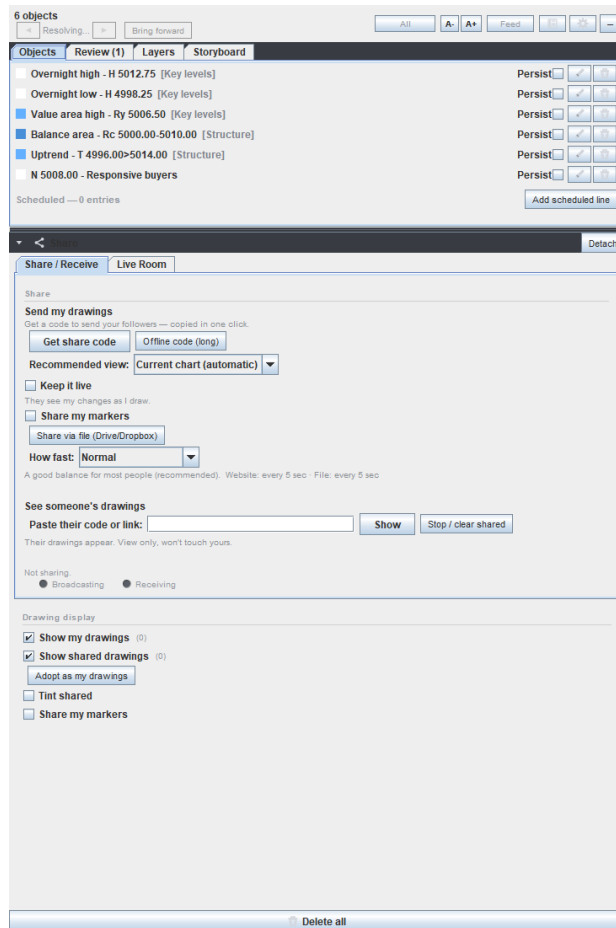
ADT never silently repairs or hides a drawing whose saved layer no longer exists. Its row reads **[Layer missing]**, and the Layers tab groups it under **Unfiled drawings (recovery)** with a **Recover to Scratch Pad** button on each row. Recovery is explicit and undoable; Undo restores the original missing-layer information.

13. Sharing drawings

Sharing lives in the objects window's **Share** area, on the **Share / Receive** tab. The settings window's **Share** tab carries only an **Open Share panel** button and the **Allow SDES cloud** permission, so there is one place the controls actually live. Beside Share / Receive sits the **Live Room** tab, which is section 14.

Share / Receive has two groups, **Send my drawings** and **See someone's drawings**, with a **Drawing display** strip below the tabs that applies to both. **Detach** pops the whole Share area out into its own window, and it docks back at any time.

Allow SDES cloud is the master permission for short codes and live cloud sharing. With it off, ADT makes no share-related network connection at all; offline codes and files still work. Turning it off disables the cloud buttons and states the reason rather than hiding them.



The Share panel in the objects window

13.1 Sending your drawings

Control	What it does
Get share code	Uploads only the drawing data and copies a short code. Requires the cloud permission, and the first use asks for your consent.
Offline code (long)	Produces a self-contained code with no server involved. Paste it to anyone over any channel.
Recommended view	Chooses what the recipient sees, for example <i>Current chart (automatic)</i> .
Keep it live	Broadcasts your drawings continuously so the people watching see your changes as you draw.
How fast	The broadcast rate, for example <i>Normal</i> .
Share via file (Drive/Dropbox)	Saves a one-time snapshot to a readable CSV you can put in a shared folder.
Share my markers	Includes your reference markers and their notes in what you broadcast. Off by default, which keeps markers private.

Note that **Keep it live** is the continuous broadcast; **Share via file** is a one-time snapshot.

While a broadcast is running, a calm status tag stays visible at the top of the chart even when the Share panel is closed. Receiving someone else's drawings is never labeled as broadcasting.

13.2 Receiving someone's drawings

Paste their code or link into **Paste their code or link:** and press **Show**. Received drawings land in a separate shared layer and never merge into your own drawings unless you choose **Adopt as my drawings**, which is undoable.

If that chart already holds received drawings, ADT asks you to choose before another code replaces them, so a new code cannot silently discard what you are looking at. The dialog is titled **ADT — Replace shared drawings** and offers three answers: **Adopt current, then show new**, **Clear current and show new**, and **Cancel**. Adoption has to finish successfully before the new set appears, and Cancel changes nothing.

Stop / clear shared stops following a broadcast, clears the code box, and removes their drawings from your chart. It does not stop your own broadcast and never touches your own drawings.

Below the tabs, the **Drawing display** strip applies everywhere: **Show my drawings** and **Show shared drawings**, each with a live count, **Adopt as my drawings**, and **Tint shared**, which puts an accent on shared drawings and is off by default.

A status line with **Broadcasting** and **Receiving** indicators shows what is currently active, and reads Not sharing. when nothing is.

[CHART IMAGE — SHOT 21] *The broadcast status tag on the chart with the Share panel closed.*

14. Live rooms

A live room is a shared drawing session. One person draws and everyone in the room watches the same canvas on their own chart, in real time. The panel puts it this way: *Join a live room to see the host's drawings on your own chart. Everyone is on Bookmap; the website is just the relay.*

A room needs an internet connection. Section 14.8 states exactly what leaves your machine.

The controls live in the objects window's Share area, on the **Live Room** tab, beside the **Share / Receive** tab covered in section 13. A third tab, **Host**, appears only while you are hosting an active room.

You can be in **one room at a time**, and a room is bound to **one instrument**, which everyone in it sees. Starting or joining a second room while one is live is refused with the reason stated: A room is live for <instrument> – leave it first.

A room admits up to **100 logical members**, including the host. The host's authenticated ADT connection and the web console it opens share one host seat, not two. When the room is full the next person is refused in plain words — This room is full (100 people). Press Retry after a seat opens. — the Join button becomes **Retry**, and ADT waits for that deliberate press instead of looping reconnect attempts against a full room.

A live room and a cloud broadcast never run at the same time. While you are in a room the **Keep it live** controls are disabled and give the reason, In a live room – leave the room first, and joining a room while a cloud broadcast is running is refused rather than allowed to half-work.

14.1 The room's drawings are not your drawings

This is the point to understand before anything else.

The room's drawings arrive as a **separate, read-only collection** that sits alongside your own. They never mix into your drawings, they are never written to your saved files, and your own drawings are never streamed into the room on their own.

You can see the separation in two places. The objects window's **Layers** tab lists the room as its own row, **Shared Room — read-only**. The palette's quick-layer strip gains an **R** slot, which appears only on that room's own chart; with no room live its tooltip reads Room layer (appears while you are in a live room or viewing received room drawings).

Because the two are separate, leaving a room, being removed from one, or a host clearing one never touches your own drawings. When a room ends for you, ADT does not silently discard what was on screen: it asks whether to keep the room's drawings, and copies them to a destination you choose if you say yes.

While a room is live a calm tag sits at the top of the chart, so the state is never a guess. It reads ADT — Live Room active — you have the pen OR ADT — Live Room active — no pen.

14.2 Hosting a room

Host a room, under **Host a room (one click)**, does the whole setup in one press: *One click generates a room + host token, joins as the host (you hold the pen), and opens the web console already hosting.*

Two things may be asked on the way.

- **Which instrument**, if more than one chart is open. Everyone in the room sees that instrument.
- **What the room starts with**, if the chart already has drawings on it. **Broadcast my current drawings** copies them onto the room's canvas; **Start clean** begins the room empty. Either way your own drawings stay yours, and Start clean simply keeps them out of the room layer.

To host manually instead, fill in the **Room code**, **Your handle (nickname)** and **Host token (from the web console)** fields, tick **I'm hosting this room**, and press **Join room**. Hosting with an empty token is refused and says so.

Hand the room out with the two buttons beside the code. **Copy** copies the code. **Link** copies a shareable join link, which carries the room code and nothing else — never the token, never your handle.

14.3 Joining a room

Set up / join a room shows the setup fields, and they collapse themselves again to **Room setup** once you are connected.

Field	What it is
Room code	The code the host gave you, or your own when hosting.
Your handle (nickname)	The name other people in the room see. You choose it, and it is required to join.
I'm hosting this room	Tick it only if you are running the room. Off joins as a viewer.
Host token (from the web console)	The host's write token. Masked so it is not exposed on a shared screen; Show reveals it.

Field	What it is
Relay URL	The room relay endpoint, <code>wss://sdes.dev/abdt/share/room</code> by default.

Press **Join room**. **Leave room** is deliberately two-step: the first click arms it, relabeling to **Confirm leave?** — or **End room?** for a host, because a host leaving ends the room — and reverts on its own if you do nothing.

A room holds up to **100 people**. Beyond that the refusal is stated plainly and ADT waits for you rather than hammering the room: **This room is full (100 people)**. Press **Retry** after a seat opens. The **Join room** button becomes **Retry**.

14.4 The pen

Only the pen holder can add new drawings to the room. The pen is a state the host passes around, and it gates adding only.

- Holding it, the panel reads **You have the pen – new Room drawings are shared live.**
- Without it: **No pen.** Request it to add new Room drawings; you can still edit your own.

That second sentence is the part worth reading twice. Not holding the pen does **not** take away your ability to move, resize, restyle or delete the room drawings **you** drew. Other people's drawings stay protected from you, and the host can moderate any drawing in the room.

How the pen moves

- The host presses **Take the pen** to take it back instantly, or **Revoke pen** on the Host tab to take it from whoever holds it.
- The host, or a moderator, passes it with **Pass pen** on a participant's row.
- A participant presses **Request the pen**, and **Cancel request** to withdraw. Their line then reads **Pen requested – waiting for the host.** Or **Pen requested – you're #2 in line.**

Pen requests are off by default, and only the host can change that:

- **Allow pen requests** — *Let participants ask for the pen and join a queue. Off (default) = you pick who draws; requests are ignored.* Turning it off empties the queue.
- **Queue limit:** the host allows at most **1, 3, or 8 pending requests**, and **the default is 3**. The queue stays first-in, first-out. Lowering the limit never removes anyone already queued; it just closes admission until the queue drains. When it is full the person asking is told: **The pen-request queue is full (limit 3).** Try again after a place opens.

14.5 Who is who

A room has four kinds of member: the **host**, **moderators**, **participants**, and **web watchers**.

The **Host** tab is where a room is run, and it exists only while you are hosting one. Its **Host console** section carries **Clear drawings**. Its **Manage room** section carries the pen controls above, a moderator count that reads **Moderators: 2** Or **No active moderators**, and a **Removed (blocked)** list where every removal can be undone with **Unblock**. Below that, **Participants (N)** lists everyone in the room, **sorted A-Z by handle**, case-insensitively. **Role badges do not create separate groups:** the host, moderator and pen badges stay attached to their own person inside that one alphabetical order, and there are no columns.

Only a host or a moderator sees the roster and the queue at all. To an ordinary participant they do not exist; the room does not tell participants who else is in it.

Moderators help run the room: they can pass and revoke the pen, work the queue, remove and unblock people, and clear the room. They cannot appoint other moderators, change the request switch or the queue limit, hand on the host role, or edit another person's drawings — only the host can do those.

Moderators are appointed from the web room console, not from inside Bookmap. ADT says so on the Participants section rather than leaving you to hunt for a control that is not there.

Web watchers join from the website, without Bookmap, and can only watch. A watcher is tagged **web** in the participant list, and the tooltip explains the consequences:

Watching from the web room console. They cannot draw, so the pen and the host role are not offered for them. They can still be made a moderator, or removed.

Pass pen and **Make host** are simply not offered on a watcher's row, because neither can ever work for a view-only connection. Anything else the room refuses is said in plain words rather than failing in silence — passing the pen to a watcher, for instance, answers *The pen was not passed. That person is watching from the web room console and cannot draw, so they cannot hold the pen or the host role.*

Make host hands the host role to another participant, who has to accept it. You become a participant when they do.

Remove removes and blocks someone for the rest of the session. It is reversible from the **Removed (blocked)** list.

14.6 Clearing the room

Clear drawings, on the Host console, wipes the room's shared drawings for everyone. It is **not undoable**, so every role is asked first, the host included. The confirmation is titled **ADT — Clear room drawings** and reads:

Clear the room's shared drawings for everyone?
Your own personal drawings are not affected.

That reassurance is literal, and it was verified live. A room clear empties the room's canvas and touches nothing else. Cancel does nothing at all.

14.7 The web room console

The room also has a browser console at **sdes.dev**. **Open room console** reopens it for the host, already hosting the room, which is useful if you closed the tab. The plain join link lets people who are not on Bookmap watch the room, read-only.

The host-only **Host-control recovery (not the pen)** box is deliberately kept apart from the pen controls, because the two have been confused before. **Copy host-control key** warns first that the key grants full host control of the room, and copies only after you confirm with **Copy control key**. Cancel copies nothing.

14.8 What leaves your machine

A room sends your **drawings** and the **nickname you typed**. There is no account and no login: a room is a code and a handle. The panel states it in two places — **No personal data is sent** and **Participants stay anonymous** — and that is literal.

Precisely, when you host or join a room the only things that leave your computer are an encrypted connection to sdes.dev, the room code, whether you are hosting or watching, the handle you chose, a random anonymous ownership id, the host token if you are hosting, the instrument name if you are hosting, and your drawings themselves, encoded in the same self-contained format the offline share code uses. That format carries drawing geometry, style and text. It carries no user name, no machine name, no address, no install id, and nothing about your trading.

Three details worth knowing exactly:

- **Your reference markers are not shared unless you say so.** **Share my markers** is off by default, and off means only your drawings are shared. It is the same setting for cloud sharing and for rooms.
- **The host token stays on your machine.** It is held locally, sent only on your own connect and never in a link, and masked in the field so it cannot be read off a shared screen.
- **The join link carries the code only.** The host console link is the one that carries the token, so treat that one as private.

With no room joined and cloud sharing switched off, ADT makes no share-related network connection at all.

15. The Daily Journal

The Daily Journal keeps one page per trading day. Quick Notes and Session Notes auto-save, and **Copy day** copies the displayed day's Quick Notes and Session Notes to the clipboard. There is no separate file-save action in the journal.

- **Day navigator** — Prev day, Today, Next day. Past days are read-only history.
- **Quick Notes** — a feed of timestamped entries, each stamped with the price at the time you saved it and a bias chip. Right-click a note from today to edit it inline; a trash button deletes it.
- **Bias chips** — Long, Neutral, Short; mutually exclusive, and the choice is session-sticky. It attaches to the next quick note you save.
- **The note input** — a field that grows from one line to two as you type and caps at what fits in two lines, with a countdown near the limit. Enter saves.
- **Session Notes** — a free-form area for the day, saved when it loses focus, when the window closes, and when you change day.
- **Copy day** — puts the displayed day's page, jots and notes together, on the clipboard.

15.1 Quick notes from anywhere

The palette's pencil button, or the *Quick journal note* hotkey, opens a small popup with the same capped input, the bias chips, and the price stamp. Enter saves to today's journal; Esc cancels. The popup remembers its own position.

Hide the journal buttons on the palette with **Show journal buttons on palette** on the General tab. The journal is still reachable from that tab and from its hotkey.

15.2 Reference markers and the journal

Drop a reference marker with the *Drop reference marker* hotkey. Markers appear in the objects window's **Review** tab, and a marker that carries a note also appears as a linked entry in that day's journal.

- Re-saving the marker's note updates the journal entry. A blank note means no entry.
- Right-click the marker on the chart and choose **Show in journal** to open that day's page and flash the row.
- The linked journal row carries a pin button that selects the marker on the chart.
- The link survives moves and undo. Deleting either side cleans up after itself.

[CHART IMAGE — SHOT 19] *A reference marker and its linked journal entry.*

16. Settings

The gear on the palette, the gear in the objects window, and Bookmap's Configure panel all open the same settings window, titled **ADT — Drawing settings**. There is one shared tab set, so nothing drifts between the doorways.

The tabs, in order, are: **Drawing · Fibonacci · Zones · Scheduled · Share · Tool Palette · General · Hotkeys · Diagnostics · About**. The same ten tabs are present in both Essential and Advanced modes.

16.1 Drawing

- **Price precision — Enforce instrument tick size (recommended)** keeps drawing prices on the instrument's valid increments, for example the 0.25-point tick on ES.
- **Drawing tools (set defaults)** — the defaults for new drawings: line style, line width, H-Line, Ray and Rectangle colors, **Show price label on H-Lines (right edge)**, **Label background**, fill opacity, note text and box colors, note text size, arrow size, arrowhead style, and the \$/point setting with **Auto-detect \$/point from the symbol** and a manual override. **New comments use a leader arrowhead (global default)** is here too, as is **Reset drawing defaults...**
- **Long / Short position defaults — Stop distance (points) and Target distance (points)**.
- **Angled tools & alarms — New trendline extend** (Extend right, Extend both, or Segment only), **New channels draw a center line**, the alarm sound controls, the experimental voice option, and **Show alarm markers on chart**.
- **Live edge** — the two "keep left of the live order line" options, **Live-edge offset (px)**, and **New drawings project past the live edge (default)**.
- **R.V.P. — Auto-extend update rate**.
- **Lock indicators — On-chart padlocks**, either **Always show** or **Show on hover**.
- **Vector lines** — off by default. ADT draws with its raster path, which is lighter. Turning Vector lines on routes non-vertical lines through Bookmap's own line engine: crisper at any zoom, but heavier.

16.2 Fibonacci

Defaults for new fibs: **New fibs extend levels right (global default)** with a per-fib override, **Default fib labels** (inherit, Ratio, Price, Both, or None), and **Fib label format** (percent, ratio, or both).

The **Fib levels** list holds the levels applied to new fibs. Each row has an enable checkbox, an editable value, a color swatch and **Remove**; **Add level** and **Reset to default** sit below. The shipped set is 0, 23.6,

38.2, 50, 61.8, 78.6, 100, 127.2 and 161.8.

16.3 Zones

The section is **Zones & consolidation brackets**.

Zone / bracket sizing picks the model: **Fixed pixels (constant on-screen size, symmetric resize)** or **Price-anchored band (independent edges, no size cap)**. Then a height in pixels for fixed-pixel mode, or separate **Buyers zone / green bracket height (ticks)** and **Sellers zone / red bracket height (ticks)** for price-anchored mode; Buyers and Sellers fill opacity; **Draw outline around zones**; and the Buyers and Sellers colors.

Consolidation brackets holds the new-bracket defaults: bracket buy and sell colors, **HVN line color**, **Bracket fill color**, **Fill new brackets (band fill)**, **Bracket fill opacity (%)**, and the hover-price controls **Show prices on hover** and **Hover price offset (px)**.

16.4 Scheduled

Scheduled vertical and horizontal lines are drawn automatically at a set time every trading day, in the timezone you choose, and are DST-correct. **Add line** creates an entry; each has an enabled toggle, a time, a zone, a style, a width, a color, a fill and a name.

Shape picks what an entry draws:

[CHART IMAGE — SHOT 17] Scheduled lines drawn automatically, with their name captions.

- **Vertical** — a full-height line at the scheduled time. Add an end time to draw a translucent band instead.
- **Horizontal @ price** — a full-width level at a price.
- **Ray @ price** — that price drawn from the scheduled time rightward to the live edge.

For a horizontal shape, **Price** chooses between capturing the traded price when the scheduled time passes, and a fixed price you type.

How a scheduled horizontal line gets its price. Bookmap gives the add-on the live trade stream plus a backfill of loaded history when it attaches. It does not offer a "what was the price at this time" lookup. So in capture mode ADT records the traded price as the scheduled time passes, either live or from the backfill, saves that one price, and reuses it. The saved price survives a restart. A time older than the loaded history cannot be captured: load more history, or use a fixed price instead. A line whose price has not been captured yet simply does not draw.

Name caption placement (default) and **Clip lines/bands at the live edge** set the defaults, and each entry can override them.

Share schedule shares your scheduled lines as their own code or file, separate from drawings: **Copy code**, **Paste code**, **Save file**, **Load file**, **Clear**, and **Adopt as mine**. A pasted schedule lands in a read-only overlay until you adopt it.

16.5 Share

Two controls only: **Open Share panel**, which opens the objects window's Share panel, and **Allow SDES cloud**. See section 13.

16.6 Tool Palette

Palette layout (Minimal, Expanded, Legacy, or HUD), **Show tooltips on the tool palette**, the **Tool order** section with **Revert to defaults**, and **Show / hide tools** with a checkbox per tool listed by its full name.

16.7 General

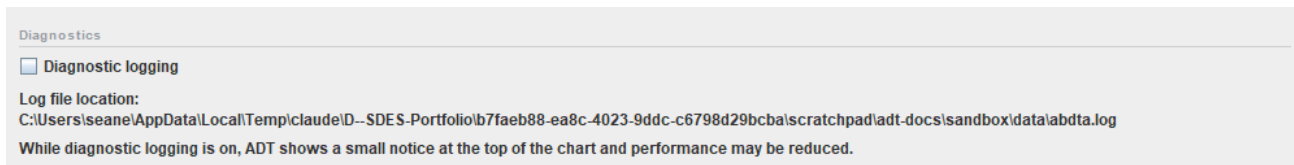
- **Interface mode** — see section 3.
- **Windows** — a button to open or bring forward each of the tool palette, objects window, Quick Annotations and Daily Journal, a "show now and restore at startup" checkbox for each, and **Show journal buttons on palette**.
- **Object tree hover hints** — **Show hover hints on object tree rows**.
- **Timestamps** — **Display timezone** for human-facing timestamps such as Review markers and object rows, offering ET, CT, MT, PT, UTC and Local. A shared marker keeps one absolute instant; this only changes how it is shown.
- **Editing** — **Undo history depth (0-200)**, **Show the selection box around a selected drawing**, and **Mark adopted drawings on the chart**.
- **On-chart indicators** — **Legend defaults (new legends)** for numbered-callout legend panels: font size, style, text and background colors, background opacity, and a **Manage legends** button.
- **Replay** — **Reveal as the replay plays**, off by default, which reveals drawings only as the replay clock reaches them. **Save day for replay** durably archives the active chart's current trading day; the archive appears only when that day is replayed. It needs an active chart whose trading day has resolved, then asks whether to save only or, when undo history is on, to also remove the unchanged live copies as one undoable change.
- **Session** — **Day rolls at (HH:mm)**, default 18:00 in the session zone. This is when saved drawings roll to a new day file.
- **Data** — **Delete ALL saved drawings (every day, including persisted)...** and **Reset ALL settings to defaults....** Both are confirmation-guarded. The settings reset does not touch saved drawings.
- **Back up & restore** — see section 18.

16.8 Diagnostics

- **Diagnostic logging** — off by default. Turn it on only to troubleshoot. It writes detailed logging to a file on your own machine and sends nothing. Errors are logged either way.
- **Log file location** — the read-only path to the log.
- A note that while diagnostic logging is on, ADT shows a small notice at the top of the chart and performance may be reduced.

While logging is on, that notice reads that diagnostic logging is active and is not for live trading. Turn logging off and the notice disappears, and there is no logging cost at all.

[CHART IMAGE — SHOT 20] *The diagnostic-logging notice at the top of the chart.*



Diagnostics tab

16.9 Hotkeys and About

See sections 17 and 20.

17. Hotkeys

ADT registers its actions in Bookmap's own hotkey system. Bind keys in **Bookmap: Settings** → **Hotkeys** → **Addons** → **Advanced Drawing Tools**.

The **Hotkeys** tab in ADT's settings is a live reference. It lists every action with its actual binding, or not set, and refreshes while it is open. Bindings are stored by Bookmap, not by the add-on.

The actions, by group:

- **Tools** — Select tool, and Arm actions for Horizontal line, Vertical line, Ray, Rectangle, Ellipse, Trend line, Polyline, Arrow line, Fibonacci, Measure, Text label, Note, Comment, Numbered callout, Buyers zone, Sellers zone, and both Consolidation brackets.
- **Place at cursor** — Draw Buyers zone, Draw Sellers zone, Draw Cons+ bracket at cursor, Draw Cons- bracket at cursor, H-Line at cursor, V-Line at cursor, Ray at cursor, Text note at cursor, Arrow up at cursor, Arrow down at cursor, and Drop reference marker.

- **Edit** — Duplicate selected object, Extend R.V.P. to live, Toggle R.V.P. auto-extend, Make parallel (channel), Reset selected style, Undo, Redo, Delete last object, Delete nearest object, Delete selected drawing, and Delete all objects.
- **View** — Hide / show all drawings.
- **Windows** — Show tool palette, Show objects window, Show Daily Journal, and Show Quick Annotations palette.
- **Quick Annotations** — Arm Quick Annotation 1 through Arm Quick Annotation 10.
- **Journal** — Quick journal note.

At-cursor actions use the chart currently under the pointer. If ADT has no current chart sample, for example because the cursor is over another window, it does nothing and asks you to move the cursor over the chart you want and try again. It never guesses a stale chart.

18. Persistence, backup and restore

- **Drawings** save per instrument and per session date as CSV files in `~/.abdt-advanced`, and reload across Bookmap restarts. Objects with **Persist** checked show on every session.
- Ordinary delete-all is scoped to the current session date. Only the confirmation-guarded wipe on the General tab crosses days.
- The trading-day boundary defaults to 18:00 and is set on the General tab.
- **Settings** live in `~/.abdt-advanced/settings.properties`, apply live, and are additive across updates. An update does not lose or corrupt your saved settings.

Back up & restore, on the General tab:

- **Back up portable ADT data...** creates a timestamped `.zip`. A backup is a clone of your setup: drawings, Persist history, schedules, journals, optionally shared drawings, and **every saved setting** apart from the short list below.
- **Restore portable ADT data...** replaces the areas declared by that backup, after confirmation. Restore is replacement-based, so make a current backup before replacing your data.

Because a backup carries your settings, restoring reproduces the install you backed up, including your interface mode. **A restore tells you what it changed**: it names the interface mode when the backup switched it — for example, Interface mode is now Essential, to match the backup. — and counts the rest. A carried mode takes effect straight away rather than at the next restart, so nothing moves silently.

Restoring an older backup never takes a setting away. A backup made before this behavior existed could not record the settings it did not carry, so those are left exactly as they are on the machine you restore onto.

What a backup deliberately does not carry, so that a file you might hand to someone else carries no authority and no machine-specific state:

- Credentials and write tokens.
- Room and cloud join codes.
- The addresses ADT connects to.

- File paths, which belong to one machine.
- Live-room identity: your handle, your role, and your reconnect seat.
- The cloud-sharing permission and its consent record, which stay off until you turn them on yourself on the machine in front of you.

18.1 Window behavior

Every ADT window remembers its size and position across restarts, sizes itself to its content the first time it opens, and returns to a visible screen if a saved position is off-display. Closing with X hides a window rather than destroying anything; reopen it from the General tab, a hotkey, or the next attach.

19. Updates

Bookmap delivers ADT's updates. Your Marketplace subscription is what keeps the add-on current, so ADT itself never shows an update notice, an update banner, or a "new version available" message anywhere in its own windows. If you are looking for one, that is why there is none.

Alongside that, the Marketplace build makes at most **one version check per session**, in the background, shortly after it starts. It exists so we know a newer build is out there; it does not install anything and it changes nothing on your machine.

- The control is **Settings → General → Updates**, *Check for updates on start (a single version check, nothing is sent)*. It is on by default.
- **Turn it off and ADT makes no update-related network connection at all** — not a delayed one, not a retried one. Nothing else in the add-on is affected.
- The request carries no personal data: no name, no email, no machine details, and nothing about your trading.

The **Updates** section appears on the General tab only in the Marketplace build, because it is the only build that performs the check.

20. About, license and disclaimer

The **About** tab carries the version and edition, the tour replay controls described in section 4, the documentation links, and the **About · License · Disclaimer** block.

- **Version.** The build you are running. Check it here before you report anything.
- **Documentation.** The product page, this user guide, and the quick start, each opening in your browser. **Report a bug** opens your mail app to support@sdes.dev with the product and your build already in the subject.
- **License.** Paid. Marketplace builds read *License: paid subscription through the Bookmap Marketplace* and carry no trial line, because there is no local trial in that edition. Provided **as-is**, with no warranty of any kind. Not for resale or redistribution. © SDES.DEV.
- **Usage.** Drawing and annotation tools for Bookmap charts. Your drawings are saved per instrument and come back when you restart. Hotkeys are bound in Bookmap's own settings, not in ADT: **Settings > Hotkeys > Addons > Advanced Drawing Tools**.

Not financial advice — warnings only. Advanced Drawing Tools displays your own drawings and annotations for informational purposes only. It is a display and awareness tool — it does not place, block, route, modify, or cancel orders and cannot prevent you from exceeding your stops, risk, or loss limits. The numbers may be wrong; you alone are responsible for verifying every value, and every trading decision and its consequences are yours alone. Trading futures involves substantial risk of loss.

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