

iLogic Dimension Style Toggle

CHAT-0209 / REV EXPORT-03 / 2026.01.16

A conversation-specific public summary of illogic dimension style toggle, distilled from the supplied export. The detailed excerpts remain available in the released note file.

STATUS	RECOVERED / SPECIFIC NOTE
CLASSIFICATION	SYS
MATERIAL	CHAT EXPORT / BUILD & TOOLS
DISPOSITION	PUBLIC CONVERSATION EXCERPTS / REDACTED
CATEGORY	Build & Tools
RECORD TYPE	build-thread

TECHNICAL NOTES

Conversation-specific knowledge extracted from the illogic dimension style toggle discussion.

CONVERSATION / QUESTION AND CONTEXT

I am using Inventor 2023 and I would like to make an illogic that when a button is pressed or a hot key is used it will toggle which dimension style to use. I can assign the hot key myself so I don't need that as part of the code, more just something that sets the active dimension style the names of the dimension styles are FRACTIONAL 2024, DECIMAL 2024, and ARCHITECTURAL 2024. it would be nice if it was a command that acted like this. you click it once it makes FRACTIONAL 2024 the current, you click it again and i...

CONVERSATION / EXTRACTED GUIDANCE

1. `FRACTIONAL 2024`
2. `DECIMAL 2024`
3. `ARCHITECTURAL 2024`
4. This changes the default for new dimensions you place (it won't retroactively restyle dimensions already on the sheet).
5. If you want a *second* rule that applies the new style to selected dimensions (or all dims in the drawing), tell me which behavior you want and I'll add it.
6. `DimensionStyles` is not defined in iLogic sometimes, even though it's a real Inventor API type. Fix: don't strongly-type that variable - treat it as an `Object`.
7. `iLogicVb.StatusBarText` doesn't exist in your iLogic environment. Fix: use `ThisApplication.StatusBarText`.

8. Fix: use `DrawingStylesManager` (drawing-specific) instead of `StylesManager`.

SPECIFICATION

SOURCE	Supplied ChatGPT export
CATEGORY	Build & Tools
CONVERSATION	3 user turns / 5 assistant turns
ATTACHMENTS	30 references detected
PUBLIC DETAIL	Extracted knowledge + excerpts

DEVELOPMENT HISTORY

2026.01.16 / EXPORT-04

Matched to the supplied export; key guidance is surfaced separately and the raw transcript remains unpublished.

RELEASED MATERIAL / SOURCE LINKS

CHAT-0209-public-note.txt

PUBLIC-SAFE CONVERSATION NOTE / UNIQUE FILE

<https://u225x.com/downloads/chat-records/CHAT-0209-public-note.txt>

RETURN TO THE LIVING RECORD

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This PDF preserves the public notes at this revision. Visit the record for updates and attached images.

<https://u225x.com/record/CHAT-0209>