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Siyu Guo - Experience Designer - Revit Revit -21 hours ago

Revit Macro Study Shareback

The Revit team wanted to better understand how customers typically use macros.

Learn more about our findings and let us know if you have additional feedback in the comments below.



AUTODESK REVIT MACRO SURVEY

Revit Macro Survey

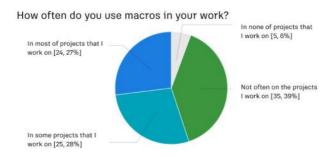
We Tested

The Revit team wants to better understand the common use cases for which customers use macros. We distributed a survey on several channels and collected about 102 responses. The participants mainly consisted of BIM/CAD managers (47%), BIM/ Technical consultants (16%), and software engineers(14%).

We Learned

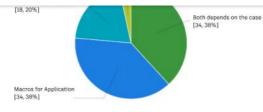
45% of participants stated that macros are not often used in their projects. Though 27% of participants stated that they are using macros in most of their projects.

About 38% of participants use both application and document-level macros. About 38% of participants use only application-level macros. About 20% of participants use only document-level macros.



What types of macros are you usually working with?

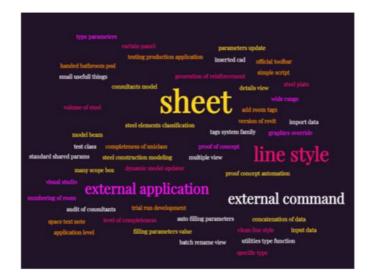
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Major macro use cases based on 38 written responses:

- Use macros for code testing or plugin prototyping.
- Use macros for sheets, views, worksets, or keynotes' creation and modification.
- Use macros for adding annotations and visual style modification.
- Use macros to automate the process of element's joining, placement, and creation.
- Use macros for link, import, and export data.

The image below shows the high-frequency words from participants' responses.



In cases/workflows such as, plugin prototyping, API testing and code assets management, 73% of participants think macros are preferable over other automation tools.

Thank you for your participation

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