### Teaching Claude to navigate computers, responsibly

With computer use, we're trying something fundamentally new. Instead of making specific tools to help Claude complete individual tasks, we're teaching it general computer skills—allowing it to use a wide range of standard tools and software programs designed for people. Developers can use this nascent capability to automate repetitive processes, [build and test software](https://www.youtube.com/watch?v=vH2f7cjXjKI), and [conduct open-ended tasks like research](https://youtu.be/jqx18KgIzAE).

To make these general skills possible, we've built an API that allows Claude to perceive and interact with computer interfaces. Developers can integrate this API to enable Claude to translate instructions (e.g., “use data from my computer and online to fill out this form”) into computer commands (e.g. check a spreadsheet; move the cursor to open a web browser; navigate to the relevant web pages; fill out a form with the data from those pages; and so on). On [OSWorld](https://os-world.github.io/), which evaluates AI models' ability to use computers like people do, Claude 3.5 Sonnet scored 14.9% in the screenshot-only category—notably better than the next-best AI system's score of 7.8%. When afforded more steps to complete the task, Claude scored 22.0%.

While we expect this capability to improve rapidly in the coming months, Claude's current ability to use computers is imperfect. Some actions that people perform effortlessly—scrolling, dragging, zooming—currently present challenges for Claude and we encourage developers to begin exploration with low-risk tasks. Because computer use may provide a new vector for more familiar threats such as spam, misinformation, or fraud, we're taking a proactive approach to promote its safe deployment. We've developed new classifiers that can identify when computer use is being used and whether harm is occurring. You can read more about the research process behind this new skill, along with further discussion of safety measures, in our post on [developing computer use](http://anthropic.com/news/developing-computer-use).