



Goals

Flow will:

Give you a view of the IRS's transcript of your taxes.

Suggest means of improving your finances based on the lines of your tax return.

Explain changes the IRS made from the return you filed, if any.

Help you find out what your taxes could be like if there were changes in your life, like marrying, buying a house, or having a child.

The design should:

Be based on tax law.

Be flexible: a wage-earner with no tax complications and the President of the United States should both get a clean representation of their tax returns.

Keep it simple: the core visualization in Flow is a flowchart like those taught in elementary school curricula.

Keep it simple: stick to a no-frills design appropriate to serious and sometimes distressing financial matters.

Keep it simple: browsing the web on a phone with a cheap data plan can be like using a modem from 1995, so Flow uses graphics sparingly.

Keep it simple: hiding, revealing, and other dynamic features put up barriers to users who rely on assistive devices—or who are just using the "wrong" browser or device.

Flow organizes your tax transcript into a flowchart



Hover over a cell to learn details

Shaded boxes are input data; clear boxes are a formula using input data. The annotations repeat this distinction.



As your taxes become more complex, more elements are shown





Alerts list steps to improve your taxes or finances

Both tax issues (like corrections or taking the less beneficial of AOTC or continuing education credits) and financial advice (like savings advice and programs for which you may be eligible) appear as alerts.

The corrected return we recorded

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Switch between the Difference Screen and the full return as filed



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Programmed what ifs?

The Actions box includes a few pre-built scenarios. Clicking one brings up a dialogue box asking for more details.











Accessibility using a screen reader



biographical/refund information, and a list of actions. From there you can pick which tree you want to see: the transcript, diffs, original return, or what-if options.

From the tree view, scroll around, or tap a box to get more information about the box. All mobile operating systems have a dedicated back button or gesture to return to the biographical and menu screen.

Εх

Community and extensions

Early versions of Flow have been discussed on Hacker News and Reddit, and a small community has already grown around them. For example, David Cook has written a script to scrape data from Free File Fillable Forms and import it to the tax graph.

David Reed, writing for the American Society of Public Administrators newsletter, writes of an early version: "... translating the complex set of administrative and legal requirements represented in IRS forms into a dependency tree.... not only enables computing the tax amount for an individual, but also facilitates more complex analyses such as how a particular change in requirements would affect the aggregate tax on a diverse group of taxpayers. This is a potentially powerful approach to analyzing administrative systems"

An example with student loans and child tax credit from an earlier version of Flow

