

# AGENT X3 - BUILDER

## Welcome to Agent X v3 🤖

Welcome to 2025...

### The year of the AI Agent

On November 30th 2023, we launched **Agent X v1** (in AI terms, that's a lifetime ago!)

Since then, we've watched the `AI Agent` movement gather steam.

Now, we can confidently say - 2025 is the year of the AI Agent!

How so? Because we're making it happen with v3!

And if you're a founding member, you get access to v3 today.

Now, v3 is being released in v3.00 `beta` form.

*That means it's rough around the edges.*

As 2025 progresses, new AI models will come online, improving the builder - and we will of course continue to add new features.

But, for now, know that you may come across the occasional bug.

## What Is The Agent X Builder

The Agent Builder creates entirely new AI Agents from scratch - from a simple text prompt.

Just enter a rough text prompt, and the agent will build out a sequence of skills, actions and steps to accomplish your hazy goal - it's insane!



## What Agent Shall We Build?



I want to build out a task that makes funny birthday cards for any niche. I would simply input a 5-200 word description of my niche audience or topic, and the final output would be a collection of completed images (in jpeg/png), with funny text and image. A single birthday card image x3-5 of them. I think we could generate the image with any of our AI generators, eg Dalle, and provided we prompt something that looks hard drawn the end result would be good. These AIs can all do a simple image like a birthday card which just has one line of text and an image. But what we really want to spend time on is the writing of the puns for the card. These should be funny and relevant to the niche/topic in question. A clever LLM should write these puns. We would therefore want a series of prompts which research the topic in



v3 is powerful. View the walkthrough video first.

It's the only "agent builder" of its kind - and took us over 15 months to build.

But there are some caveats to using this early version of v3, which we will come onto in a second...

## Difference With Agent X v1

Since 2005 I've been trying to streamline the way that I make money:

From hiring freelancers to using software... from building software to using AI tools like Chat-GPT – I pretty much tried it all!

And then.. I discovered AI Agents.

Version 1 of Agent X took my most profitable business processes/actions/workflows and turned them into simple text fields.

The user - you - just enter a few bits of info into a text field, something like this to create a sales page...

HEY, AGENT, I WANT TO...
Build FULL Sales Page - Step 1 \*PRO\*
✕

for

Now provide the AIs with extra info as requested below:

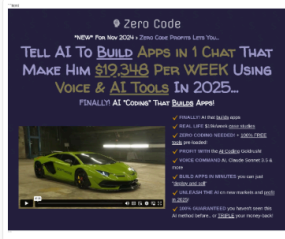
Product Information (headlines + product info)

Buy link (add this later with big find replace)

**RUN AGENT**

...and would get back a complete sales page (just check the blocks you want to include):

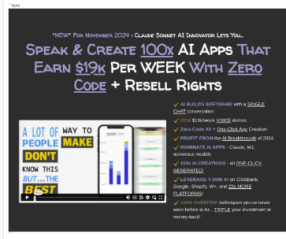
**OPENER1**



**SELECT BLOCK**

1  2  3  4  5  
 6  7  8  9  10  
 11  12  13  14  15  
 16  17  18  19  20  
 21  22  23  24  25  
 26  27  28  29  30

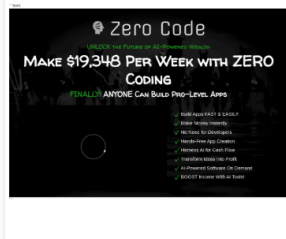
**OPENER2**



**SELECT BLOCK**

1  2  3  4  5  
 6  7  8  9  10  
 11  12  13  14  15  
 16  17  18  19  20  
 21  22  23  24  25  
 26  27  28  29  30


**OPENER3**



**SELECT BLOCK**

1  2  3  4  5  
 6  7  8  9  10  
 11  12  13  14  15  
 16  17  18  19  20  
 21  22  23  24  25  
 26  27  28  29  30

**OPENER 4**



**SELECT BLOCK**

1  2  3  4  5  
 6  7  8  9  10  
 11  12  13  14  15  
 16  17  18  19  20  
 21  22  23  24  25  
 26  27  28  29  30

This was incredible! But there was one problem:

It still only automated a *tiny fraction* of all the possible workflows/systems/sequences out there.

Maybe you have your own personal sequence you want to run?

Maybe you want to crawl a website, do specific tasks? Automate a particular sequence? Maybe there's some marketing job you do every day, and you want to automate it with your own workflow?

With v1/2 of Agent X this was never possible.

Now.. you can do it!

\*v2 of Agent X added chatbots to the mix, but we will ignore v2 for the purposes of this breakdown of v2.

## **Difference With Other Agent Tools**

As a `normal person` you might not know this, but...

In 2025 there are many tools to build AI Agents.

Unfortunately they start off like super complex...

Then require you to enter some crazy code...

And yes, you need to manually program each `node` in the chain, tweak each action - and of course work out the `logic` in your head before you even get started.

UGH!

Who has the time, the energy - the RAW COGNITION! - for that??

That's why we built the Agent X v3 Builder.

It lets anyone create their own AI Agents - with complicated sequences and workflows, and actioning complex tasks - with just a simple text prompt.

## **How Agent X Builder Works - Skills**

Now Agent X Builder is in `beta`. It's still rough around the edges. But we've made it simple to use.

BUT... there's one thing you DO need to be aware of - and that's the skills the agents currently have available.

See, the way the Agents build out is by chaining these skills together in a sequence (in fact, Agent X likes to separate and parse into SubAgents, each of which accomplishes a micro-task to be passed to the next agent).

For your reference, here's a rough breakdown of the current SKILLS the Agent has access to:

LLMs -

<p><b>#223</b></p> <p><b>Powerful LLM Prompt-to-Text Response</b></p> <p><b>DESCRIPTION:</b> This skill uses a very powerful LLM to answer any query. It will return a text response. The LLM can only input text and is not multimodal.</p> <p><b>INPUT NEEDED:</b> Prompt and any other info needed.</p> <p><b>OUTPUT:</b> Text response from LLM</p>	<p><b>#224</b></p> <p><b>Oracle Ask A Question</b></p> <p><b>DESCRIPTION:</b> This skill asks an "AI Oracle" (with live access to the web and search) any question. The oracle then queries live websites, runs up to 5 separate searches to gather as much data as possible, and returns an up-to-date response.</p> <p><b>INPUT NEEDED:</b> 1-5 questions or content for query.</p> <p><b>OUTPUT:</b> Detailed answer to question</p>	<p><b>#190</b></p> <p><b>Write or Rewrite Text Based on Instructions</b></p> <p><b>DESCRIPTION:</b> This task uses powerful LLMs to write text from scratch, or rewrite text, based on instructions. Useful for quick text generation with minimal external data.</p> <p><b>INPUT NEEDED:</b> Detailed text prompt</p> <p><b>OUTPUT:</b> Text response</p>
<p><b>#185</b></p> <p><b>Write Text (Or Copy) From Inputted Text</b></p> <p><b>DESCRIPTION:</b> This skill takes a piece of inputted text (such as research) and uses a series of powerful LLMs to return text based on instructions.</p> <p><b>INPUT NEEDED:</b> Text input + prompt instructions</p> <p><b>OUTPUT:</b> The outputted text</p>	<p><b>#171</b></p> <p><b>Write Voice Over Script Based on Instructions</b></p> <p><b>DESCRIPTION:</b> This skill uses multiple LLMs to produce a voice-over script (100-2000 words), based on prompt instructions.</p> <p><b>INPUT NEEDED:</b> Some text or prompt describing script</p> <p><b>OUTPUT:</b> Outputted text script</p>	<p><b>#186</b></p> <p><b>Create 2-10 Short MicroCopy Text</b></p> <p><b>DESCRIPTION:</b> This skill uses an LLM to write multiple pieces of short "micro-copy". For example, banner copy or short marketing text.</p> <p><b>INPUT NEEDED:</b> Info about product/topic to write about</p> <p><b>OUTPUT:</b> List of micro-copy elements</p>
<p><b>#176</b></p> <p><b>Analyze An Image With GPT Vision &amp; Return Text</b></p> <p><b>DESCRIPTION:</b> This skill takes an image and an instruction, and uses GPT Vision to analyze and return text about the image.</p> <p><b>INPUT NEEDED:</b> Image URL + instruction prompt</p> <p><b>OUTPUT:</b> Text analysis response</p>	<p><b>#177</b></p> <p><b>Analyze 4x Images With GPTVision And Return 4x Text</b></p> <p><b>DESCRIPTION:</b> This task uses GPT4O "Vision" to assess between 2-18 images at once, returning a summary for each image.</p> <p><b>INPUT NEEDED:</b> 2-18 image URLs + prompt</p> <p><b>OUTPUT:</b> A summarized text response per image</p>	<p><b>#218</b></p> <p><b>Brainstorm Related Keywords</b></p> <p><b>DESCRIPTION:</b> This skill inputs a single keyword or text and returns 10 most related keywords, with commentary on each.</p> <p><b>INPUT NEEDED:</b> Keyword(s) or topic text</p> <p><b>OUTPUT:</b> Ordered list of 10 keywords + commentary</p>

Images:

**#222**

### Make Image (Especially With Text)

**DESCRIPTION:** Uses an Image AI capable of prompt adherence and generating text on images.

<b>INPUT NEEDED:</b> Detailed info about desired image	<b>OUTPUT:</b> PNG image URL
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**#174**

### Take Screenshot of Website

**DESCRIPTION:** Captures a 1400x2400 screenshot of a given website.

<b>INPUT NEEDED:</b> URL of website	<b>OUTPUT:</b> PNG screenshot (1400x2800)
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**#227**

### Return Graph Image Visualising Data

**DESCRIPTION:** Creates a graph image (chart, infographic, etc.) from text/data input.

<b>INPUT NEEDED:</b> Text/data for chart	<b>OUTPUT:</b> JPEG image of graph
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**#182**

### Create Dalle Image (Transparent Square)

**DESCRIPTION:** Creates a 1024x1024 transparent PNG from a text prompt (ideal for icons, vectors, single objects).

<b>INPUT NEEDED:</b> Prompt for image generation	<b>OUTPUT:</b> 1024x1024 transparent PNG URL
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**#221**

### Recreate New Image From Image URL

**DESCRIPTION:** Inputs an image URL and uses AI to recreate/remix it with optional changes.

<b>INPUT NEEDED:</b> Image URL + optional prompt	<b>OUTPUT:</b> PNG image URL
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**#191**

### Resize Image

**DESCRIPTION:** Takes an image URL, resizes it to specified dimensions, and returns a new image URL.

<b>INPUT NEEDED:</b> Image URL + size required	<b>OUTPUT:</b> New resized image URL
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## Web Research & Crawlers:

**#216**

### Research Topic (Or Keyword) Deeply

**DESCRIPTION:** This skill will run multiple searches on various engines to research a topic deeply, then summarize in 1000-3000 characters.

<b>INPUT NEEDED:</b> Keywords/topic to research	<b>OUTPUT:</b> Summarized text (~1000-3000 chars)
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**#226**

### Extract Structured Data From 1x URL

**DESCRIPTION:** Crawls any single URL and extracts structured data from the page.

<b>INPUT NEEDED:</b> URL + data to extract	<b>OUTPUT:</b> Summary of extracted data
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**#225**

### Crawl 1x Amazon URL

**DESCRIPTION:** Crawls an Amazon URL (product, best sellers, sellers page, etc.) and extracts structured data.

<b>INPUT NEEDED:</b> Description of Amazon page + data needed	<b>OUTPUT:</b> Structured data summary
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**#187**

### Find Relevant Images with Brave Search

**DESCRIPTION:** Inputs a keyword (plus optional specs) to find images from across the Internet.

<b>INPUT NEEDED:</b> Type of images + details	<b>OUTPUT:</b> 5 relevant image URLs
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## Video:

#193

### Download Entire YouTube Video As MP3

DESCRIPTION: Inputs a YouTube URL, returns an MP3 file.

INPUT NEEDED: YouTube URL  
OUTPUT: MP3 file URL

#175

### Get Screenshot Video Of Website URL

DESCRIPTION: Takes a URL, generates a short 10-second MP4 of a browser scrolling the site.

INPUT NEEDED: Website URL  
OUTPUT: MP4 video

#200

### Generate Text Slide Video From MP3 & Transcription (max 2000 chars)

DESCRIPTION: Requires an MP3 + script with timings to create a text-slide video (16:9).

INPUT NEEDED: MP3 URL + transcription  
OUTPUT: MP4 video URL

#201

### Generate Vertical Text Slide Video (max 1000 chars)

DESCRIPTION: Inputs MP3 + script for a vertical text-slide video (9:16).

INPUT NEEDED: MP3 URL + transcription  
OUTPUT: MP4 video URL

#207

### Get Transcription From MP4 Video URL

DESCRIPTION: Inputs an MP4, returns a perfect timed transcription.

INPUT NEEDED: MP4 URL  
OUTPUT: Text transcription w/ timings

#168

### Generate Talking Head Video From MP3 & Transcription

DESCRIPTION: Inputs an MP3, uses AI avatar to speak out the audio. Returns MP4 video.

INPUT NEEDED: MP3 URL  
OUTPUT: Talking head MP4 video

#169

### Create A 5 Second Animated Video From Text Prompt

DESCRIPTION: Inputs a keyword or prompt, returns a short 5 second AI-generated MP4 animation.

INPUT NEEDED: Keyword/topic/product description  
OUTPUT: MP4 video (5 seconds)

#194

### Cut Small Section From MP4 Video

DESCRIPTION: Extracts a specified section from an MP4 video.

INPUT NEEDED: MP4 URL + start/end times  
OUTPUT: URL of MP4 snippet

#173

### Concatena Videos (Combine 2-10 MP4s)

DESCRIPTION: Stitches 2-10 MP4s into one single video file.

INPUT NEEDED: 2-10 MP4 URLs  
OUTPUT: URL of new single MP4

#202

### Extract Thumbnail Images Of MP4 Video

DESCRIPTION: Extracts 10 relevant thumbnails from an MP4, optionally analyzing them based on a prompt.

INPUT NEEDED: MP4 URL + prompt  
OUTPUT: 10 thumbnail images + descriptions

#203

### Select 10 Marketing Videos From Our Library

DESCRIPTION: Searches our library for 10 marketing videos relevant to the text prompt/input.

INPUT NEEDED: Text describing desired type of video  
OUTPUT: 10 MP4 URLs

#204

### Get Royalty-Free (Horizontal) Videos for Keyword

DESCRIPTION: Takes a keyword and returns 5 relevant horizontal royalty-free videos + short description.

INPUT NEEDED: Keyword/topic/product description  
OUTPUT: 5 relevant MP4 URLs w/ short description

#205

### Get Royalty-Free VERTICAL Videos For A Keyword

DESCRIPTION: Returns 5 vertical royalty-free videos for the input keyword.

INPUT NEEDED: Keyword/topic to find videos  
OUTPUT: 5 MP4 URLs w/ descriptions

#206

### Select 10 5-second Videos from Animation Library

DESCRIPTION: Returns up to 10 short (5-10s) AI-generated videos relevant to the input keyword.

INPUT NEEDED: Keyword/topic to find animations  
OUTPUT: 10 MP4 URLs

#199

### Add Images & Videos On Top Of Existing MP4

DESCRIPTION: Inputs up to 18 images/videos plus a target MP4, layers them for a new final video.

INPUT NEEDED: List of media + descriptions & MP4 URL  
OUTPUT: New layered MP4 video

Audio:

**#178**

**Convert 1-20 MP3s to WAV**

**DESCRIPTION:** Converts between 1 and 20 MP3 URLs to WAV format.

**INPUT NEEDED:** 1-20 MP3 URLs

**OUTPUT:** 1-20 WAV URLs

**#170**

**Turn Script Into Voice Over MP3**

**DESCRIPTION:** Accepts a text script (up to ~4000 chars) and converts it into an MP3 voice-over.

**INPUT NEEDED:** Text script

**OUTPUT:** MP3 File URL

**#196**

**Extract MP3 Audio From MP4 File**

**DESCRIPTION:** Inputs an MP4 file, returns its audio as an MP3 file.

**INPUT NEEDED:** MP4 URL

**OUTPUT:** MP3 file URL

**#180**

**Extract Beatpoints & Tempo of MP3**

**DESCRIPTION:** Extracts beatpoints, downbeats, and BPM from an MP3 file.

**INPUT NEEDED:** MP3 URL

**OUTPUT:** Beatpoints, BPM, etc.

**#197**

**Extract Instrumental & Vocal From MP3**

**DESCRIPTION:** Inputs an MP3 (song) and returns 2 stems: instrumental and vocal.

**INPUT NEEDED:** MP3 URL

**OUTPUT:** 2 MP3 stems

**#179**

**Create Visual Waveform Of 60 Second Wav/MP3**

**DESCRIPTION:** Creates a visual "waveform" of an audio file, useful for analyzing amplitude changes.

**INPUT NEEDED:** URL of .wav or .mp3 file

**OUTPUT:** JPEG waveform image

**#219**

**Cut Wav/MP3 Audio into Multiple Pieces**

**DESCRIPTION:** Takes a wav or mp3 file, plus start/end times, and returns the extracted segments as new files.

**INPUT NEEDED:** Wav/MP3 URL + times to cut

**OUTPUT:** List of new wav files

**#220**

**Generate 3x WAV Sound Effects From Text Prompt**

**DESCRIPTION:** Generates 3 short SFX (7-15s) from a single text prompt, e.g. "sound of monkey in jungle."

**INPUT NEEDED:** Prompt or short description

**OUTPUT:** 3x .wav URLs

**#198**

**Get Transcription Of MP3 (With Timings)**

**DESCRIPTION:** Inputs an MP3, returns a precise line-by-line transcription with timings.

**INPUT NEEDED:** MP3 URL

**OUTPUT:** Text transcription w/ timings

**#188**

**Extract 10 Audio Stems from MP3**

**DESCRIPTION:** Inputs an MP3, attempts to extract up to 10 stems (vocals, guitar, drums, etc.), returning only those with audible volume.

**INPUT NEEDED:** MP3 URL

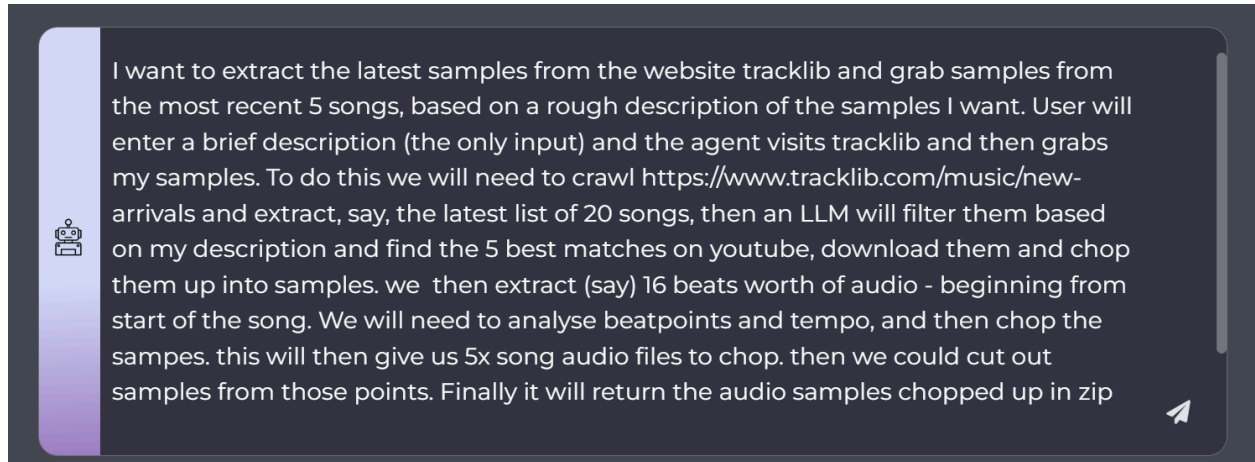
**OUTPUT:** 1-10 MP3 stems, sorted by loudness

Pay attention to this because: the Agent can only do things that utilise these skills!



Now, in truth, these skills are incredibly wide-ranging. But, in practice, thinking beforehand of how these skills can be chained to do what you want is KEY when building out v3 agents.

In fact, a good initial prompt will actually reference the available agents...



...and use that as a starting point for the agent to execute.

## Very Early Beta - Will Change Regularly

Another point about v3:

We are in VERY early beta.

With respect, it's absurd that we as a tiny company can bring this to you.

It's insane that mega-corps like Microsoft and Google can theorize about Agents like ours.

And yet here we are, building real agents - and letting our legacy users build them out.

We want to give you the best agents possible.

But also, understand: these agents are early to the game.

They will change and evolve, as we improve the (complex) backend prompts and steps, and as new models come online.

We are also likely to change our price plans to protect our R&D budget.

But know that we always put our FOUNDER members first.

## Using Builder - Required - OpenRouter

OK, now let's get down to brass tacks.

Important- you will need an OpenRouter account to use the v3 Agent Builder.

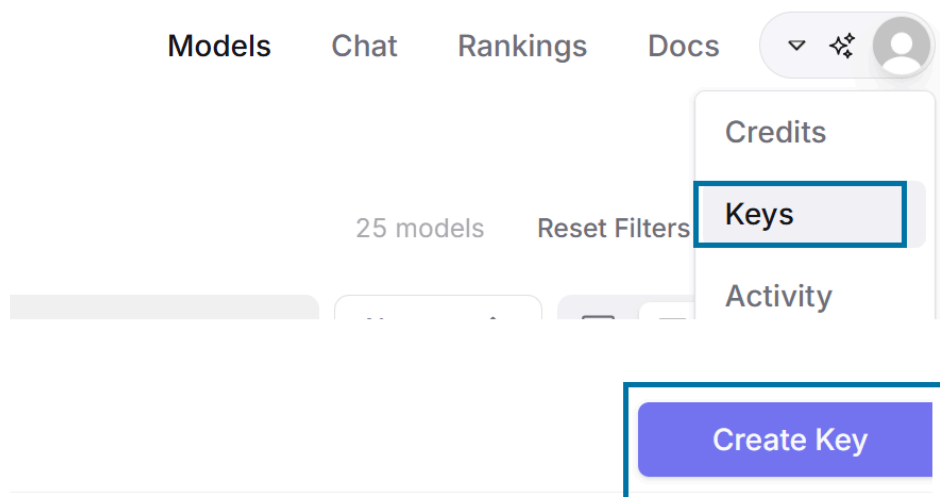
In practice - as always when we launch a new model - we will eat most of the costs on your behalf.

But also, be aware that you will pay some costs.

And these costs may change - and increase - as we update v3.

Either way, to use Agent X v3 on Day Zero, you will need to add your OpenRouter API key.

To do so, head to Openrouter.ai and create an account, add some credits - \$5-20 to get you in the game - then head over to the API key page and generate a key:



ss all models from OpenRouter ⓘ

For additional security you can set a max spend limit...

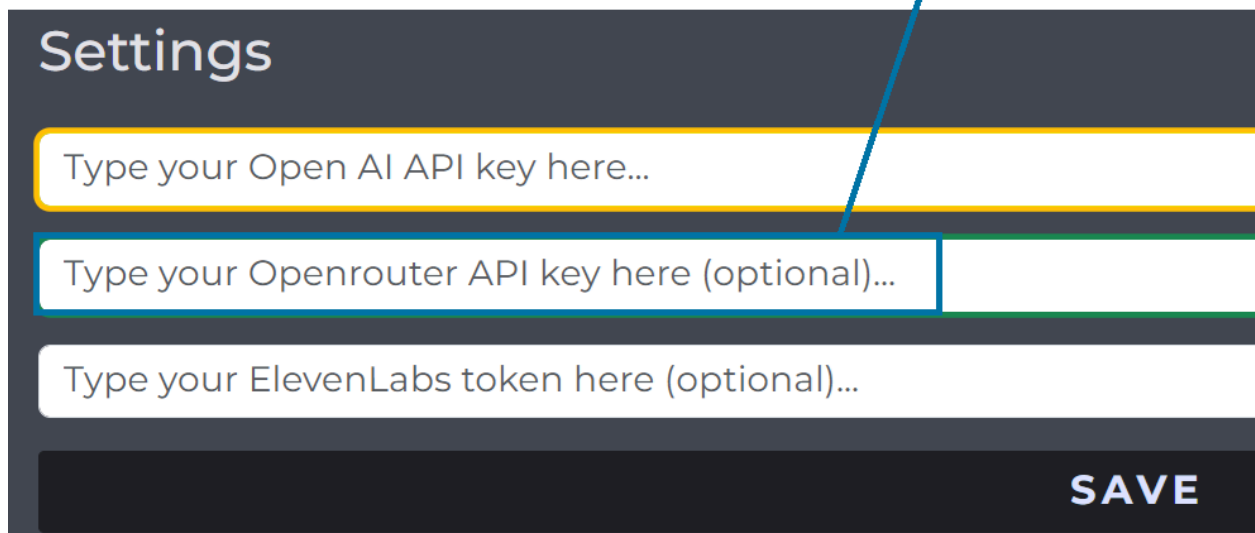
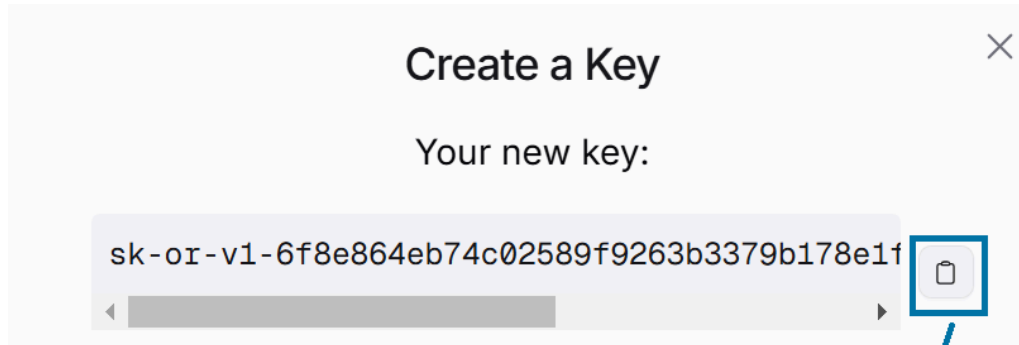
## Create a Key ✕

Name ⓘ

Credit limit (optional) ⓘ

Create

Then, hit save and grab your key then paste it into the Agent X Settings page:



Now your OpenRouter API key is live and you can start to use v3 - the AGENT BUILDER!

OK, now let's get started by going here:

<https://ubub.com/builder>

(you will want to bookmark this page, as we might not directly link to it for a while, as we gradually test and improve the Agent Builder).

## **How To Use The Agent, Enter Text Prompt & Proceed**

The basic idea of the Agent X Builder is you begin by entering a text prompt - which describes your agent.

Here are some examples of real prompts I've used...

1)

*I want to build an AI agent that lets me generate articles about best selling, high priced Amazon best sellers on any given day, First, user will enter an Amazon.com product category - eg video games - and the agent will find the relevant best seller page, extract all the current best selling products on the page and select the one with the highest price (which therefore pays the highest commission). Next it will research YouTube and Google and find the top reviews about this product, and then use both of those researched contents to write a review of its own. Next, it will search for images of the product (using image search) and select 1-3 relevant images to embed in the article. Then, finally it will generate a final HTML article with the images embedded.*

2)

*I want to build an AI agent that generates avatar talking head videos. User will enter two inputs /variables to begin - a rough description of what the video should be about, and second - the type of avatar image I want (eg woman wearing christmas hat in department store). Then the agent will make the script, voice over, image and then video. Here's how I am thinking the subagents will work - first it will write a script for me (approx. 100-300 words). Secondly, it will turn that script into a voice over audio. Next, it will generate an image of my AI avatar (which should be topical and related to the theme of my video). Finally it will take this custom ai avatar image and the voice over file and generate the talking head video in question, and return the mp4 as the final output. In this way I can create custom AI avatar talking head videos on any topic, and with the avatar image themed to the topic.*

3)

*I want to record a video on a "how to" topic and turn it into an article, with text and images. For example, I will record a video about "how to make software mockups with GIMP" and then want it turned into a HTML article. My video is likely to be very rough, but I want the final article to be polished and instantly publishable. I want this to be a very media-rich article with lots and lots of screenshots, so the idea is that in the video I will explain what I am doing (eg "the first thing we do is open GIMP and click on new image and choose an image size of 1000x1000"), and then we will want to extract the transcription from the video. Then we review this transcription/timestamps and decide on the core steps of the how to task (eg step 1 - download GIMP.. step 2 - create a new image), and then we look at the*

timestamps mentioned and extract images at those specific timestamps (so if I say "let me open the image now" at 23.39 then we would extract an image frame from the video at that point). Then we will use my transcription file to set specific timings. My software works best when it has a fixed number of actions to take, so I suggest we (fairly arbitrarily) go with six steps. This means we will want six images embedded, and six steps written in the article. It will mean that an LLM will need to review the transcription and decide which are the six steps (if the video narrator does not explicitly list six steps, or even does more or fewer).

4)

I want to extract the latest samples from the website tracklib and grab samples from the most recent 5 songs, based on a rough description of the samples I want. User will enter a brief description (the only input) and the agent visits tracklib and then grabs my samples. To do this we will need to crawl <https://www.tracklib.com/music/new-arrivals> and extract, say, the latest list of 20 songs, then an LLM will filter them based on my description and find the 5 best matches on youtube, download them and chop them up into samples. we then extract (say) 16 beats worth of audio - beginning from start of the song. We will need to analyse beatpoints and tempo, and then chop the samples. this will then give us 5x song audio files to chop. then we could cut out samples from those points. Finally it will return the audio samples chopped up in zip files. If there are too many steps here, resulting in too many files/silos/subagents then we can chop fewer samples. I will let you decide, but please be decisive in your plan.

5)

I want to build out a task that makes funny birthday cards for any niche. I would simply input a 5-200 word description of my niche audience or topic, and the final output would be a collection of completed images (in jpeg/png), with funny text and image. A single birthday card image x3-5 of them. I think we could generate the image with any of our AI generators, eg Dalle, and provided we prompt something that looks hand drawn the end result would be good. These AIs can all do a simple image like a birthday card which just has one line of text and an image. But what we really want to spend time on is the writing of the puns for the card. These should be funny and relevant to the niche/topic in question. A clever LLM should write these puns. We would therefore want a series of prompts which research the topic in question, looks for possible words and phrases that are relevant to the niche, and then generates a list of slogans for that niche. Then it's just a case of passing the text and images to an image generator, that is good with text, with a good prompt. Before we start the whole process, we should probably search Google images (for "{niche topic} birthday cards") and see what current top-selling images in the niche look like, and then from there we can begin to grab

*some relevant birthday cards, brainstorm our own card ideas, and then turn the best ones into final images.*

...So you enter a prompt like one of these, and then you can tweak and finetune the process - from step 1 to step 4 - to generate the final output of agents/skills/tasks, ie. the workflow that accomplishes your overall plan.

Note: you should iterate over each slowly and deliberately. Not only do you have a limited number of sequences you can run per day, but the deeper you get into an agent (step 1 > step 2 > etc), the harder it is to go back and make changes to it!

Reflect deeply on your INITIAL prompt, especially when it comes to the available skills the agent has, and write an initial Step 1 prompt that you are certain your agent can do.

## **As We Progress Through 2025, Agent Will Change**

The truth is, version 3 is absurdly early.

*We are soooooo far ahead of even Tech Elite (Google, Microsoft, OpenAI).*

But... we wanted to get this out to you early, for max 2025 profits!

More importantly, we are already working on versions 4/5/6!

And, in such a fast changing space, it makes sense to test quickly.

## **Step 1 - What To Enter**

OK, so now let's get to using v3.

One thing to be aware of here is that your INITIAL prompt is VITAL when it comes to building agents.

NAIL YOUR SEED STEP 1 PROMPT: AND YOU CAN JUST CLICK `NEXT` AND MAKE NO CHANGES. BUT GET THIS WRONG, AND YOU WILL BE FIXING COMPLEX LOGIC SEQUENCES FOR HOURS.

That's why we suggest you spend some time on your initial prompt.

In particular, look at the available SKILLS the agent has, and use that as your starting point

**See above for all these available skills, broken down into 5 categories – LLM, Crawler, Image, Video & Audio!**

Reflect on these skills.

Go offline for a weekend. Reflect more.

Seriously - internalise these individual skills so you can start to chain them together in your minds' eye.

Then turn them into an initial seed prompt like the above examples...

And hit the `>` button.. Then check back in 20 minutes to see your AI Agent brew!

## **Step 2 - What This Page Means**

Building an AI Agent from scratch is... slow.

From the `step 1` button to `step 2` loading might take an hour!

But eventually you will see the next stage in the process.

This page will present you with lots of potential data.

Firstly, though let's focus in on the CORE TWO SECTIONS OF THIS PAGE:

1 This lists the final output of your ENTIRE AGENT. Don't like it? Tweak it here. Really don't like it? Consider creating an entirely new sequence from scratch



SubAgents & Components ⚠️
 Questions & Research Ideas
 Suggested Templates

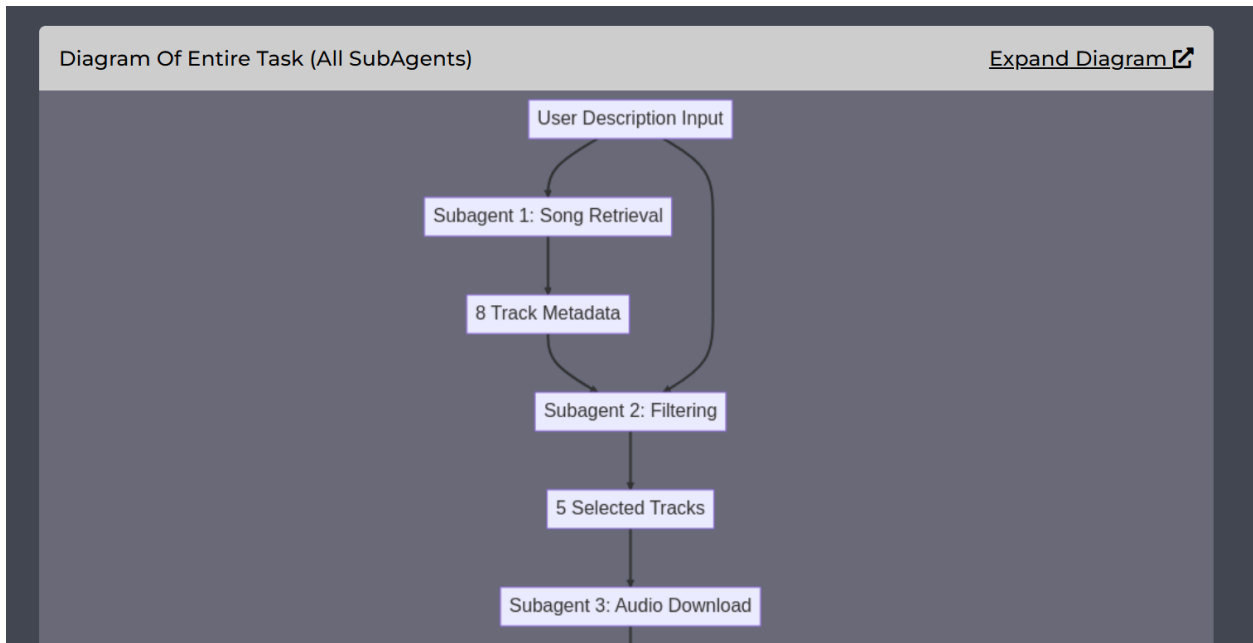
SEQUENCE

1. Subagent 1 (#226) → returns up to 20 latest arrivals (title, artist, link).
2. Subagent 2 (#223) → filters down to 5 or fewer that match user description.
3. Subagent 3 (#224, #193) → for each filtered track, find a YouTube link and download the MP3.
4. Subagent 4 (#180, #219) → detect tempo/beat info, chop out a 16-beat snippet for each MP3.
5. Subagent 5 → return snippet URLs for user to package as a final ZIP externally.

SCRAPERAGENT

- Purpose: Crawl Tracklib's "New Arrivals" page and extract up to 20 song metadata items (title, artist, link).
- Skill Used:
  - #226 (Extract Structured Data From 1x URL)
- INPUT:
  - URL: <https://www.tracklib.com/music/new-arrivals>
  - Instruction: "Extract song title, artist, tracklib\_url for up to 20 new arrivals."
- OUTPUT:
  - A structured list of up to 20 items, each with {title, artist, tracklib\_url}
- SUBAGENT FINAL OUTPUT: [latest-track-metadata]

2 SubAgent breakdown. OK, so this is the ONE time you need to really focus. Look at how the Agent is suggesting you break down this task and run it. Are you happy with it? If so, execute on it now. If not, spend some time tweaking it. Reflect on the logic. I might do a video breakdown JUST ABOUT THIS ONE SECTION. That's how key it is to everything that comes after



3 These other sections are advisory - bonus sections you can ignore if you want. None of these other sections will be passed to the Agent for future steps! ONLY the final output and Subagent Breakdown will be used in ALL future steps!

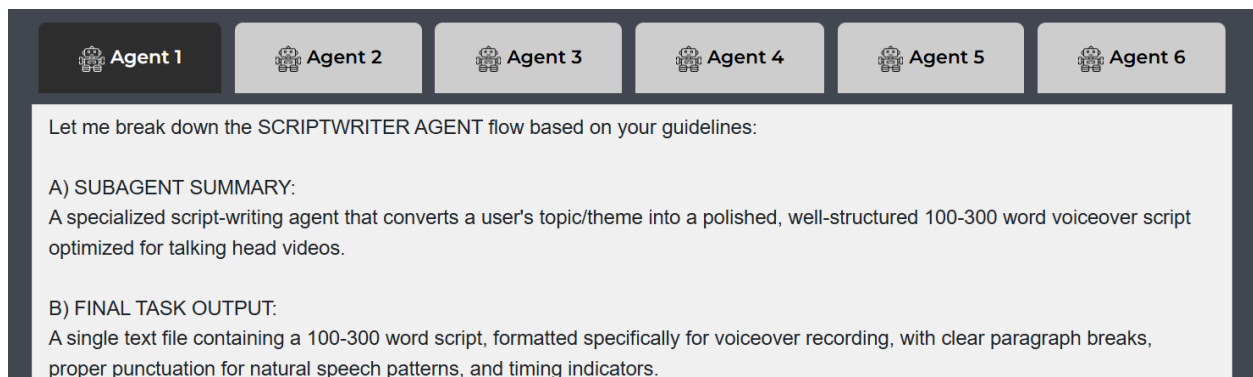
So... reflect on those sections deeply, and consider what you enter before you hit save and pass those saved text areas to the next step.

## Step 3 - What To Enter

The next step takes your initial broad overview and breaks it down into `SubComponents` - a maximum of SIX agents, each of which accomplishes a specific task.

Each agent can break down further into `silos` (for example, if a task repeats and visits 3x websites, there might be 3x silos). But you should always try to keep each agent as simple as possible (and limit its silos).

On this page...



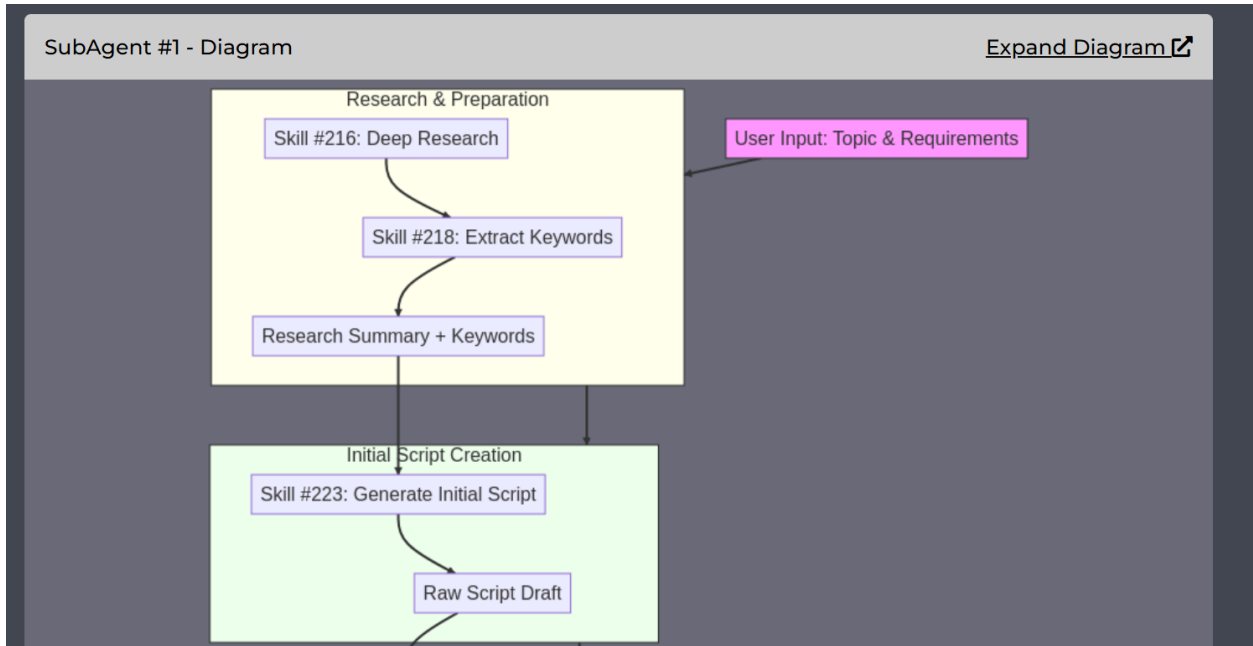
The screenshot shows a horizontal row of six buttons labeled Agent 1 through Agent 6, each with a small robot icon. Below the buttons is a text area containing the following text:

Let me break down the SCRIPTWRITER AGENT flow based on your guidelines:

A) SUBAGENT SUMMARY:  
A specialized script-writing agent that converts a user's topic/theme into a polished, well-structured 100-300 word voiceover script optimized for talking head videos.

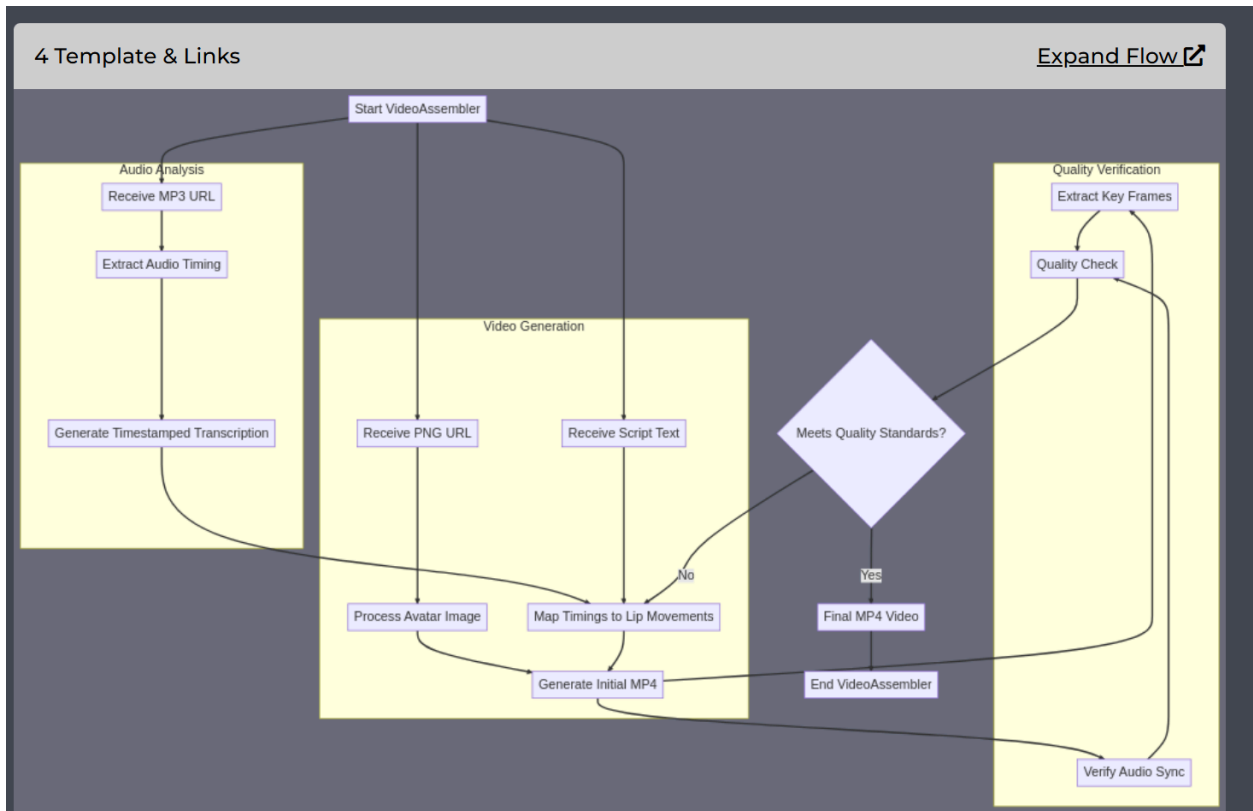
B) FINAL TASK OUTPUT:  
A single text file containing a 100-300 word script, formatted specifically for voiceover recording, with clear paragraph breaks, proper punctuation for natural speech patterns, and timing indicators.

... I like to scroll down and look at the flow graph of the agents...



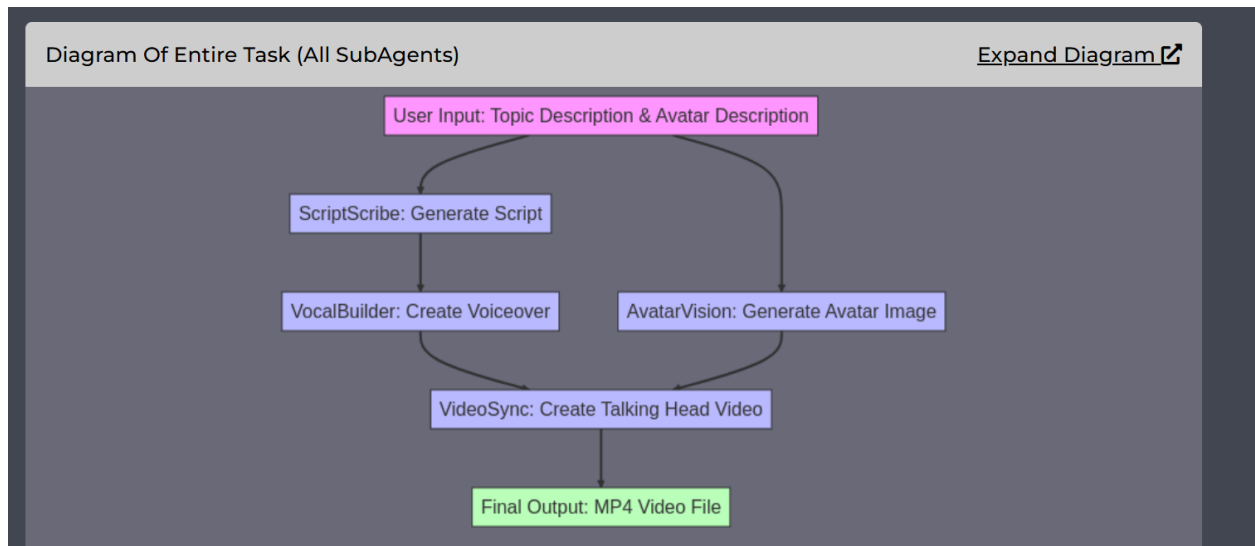
And based on this decide how complex a particular sub agent might be.

If I see lots of very complex flows (especially ones that loop back around)...



...then I will often hit back and simplify the agent and rerun the step 2 process.

Only IF I see a nice simple flow...



...for all SubAgent sequences combined, do I move onto the next step.

## Step 4 - What To Enter

The final step will display the JSON feed of the RAW SUBAGENT OUTPUT.

Don't know what this means? Ask ChatGPT (yeah, literally copy-paste the feed into GPT, give it a bit of context, and ask it what the heck is going on):

ChatGPT o1 pro ▾

## What can I help with?

Ok I am running an AI Agent, which has given me some JSON code to complete the agent

please check the code - and logic - and let me know your thoughts:

```
[  
  {  
    "taskID": 174,  
    "semanticTitleOfTask": "Capture Full Screenshot of Tracklib New Arrivals Page",  
    "taskDescription": "Takes a complete webpage screenshot of Tracklib's new arrivals page,"
```



At this point, if your JSON sucks, you're in a bad place.

A genius working with a bad STEP 4 can't fix errors an idiot made on STEP 1.

But an idiot working with a good STEP 4 with a prompt a genius made on STEP 1 can make it all work perfectly!

So click proceed and let's see what happens.

Now your task is saved to the MY AGENTS page.

## What Happens Next

Now wait a few minutes.

Your task will appear on the MY AGENTS page where it can be run - forever!

## Troubleshooting Bugs

Come across any bugs? Hit me up at [support@getagentx.com](mailto:support@getagentx.com) with the subject `v3 - {description of your bug}!

## Future Versions Of Agent X

This is just the beginning!

For future versions of Agent X, keep lurking!

V4 is up next.

For now.. Give feedback!

Cheers

*Chris X*

**Agent X 3.0 – December 28th, 2024.**