

AI Engineer Foundation Meeting 23 Mar 12, 2024

- Discussion (Zane): Using the Config Options for Plugins.
 - With the structured schema that the config options RFC enables, it should be possible to use it in a plugin context.
 - Authorization, for example, could be easily implemented by passing your token (or whatever your structure is) as an argument to the agent.
 - The question is, is that going to cut it?
- New Project Suggestions?
 - [Criteria](#)
 - [Prompt file](#) project lead, HumanLoop potential collaboration with Microsoft
 - (less defined) [Model file](#) project lead

AI Engineer Foundation Meeting 22 Feb 27, 2024

- Hackathon results
- Zane will stream today on Youtube to finish Config Options
- PRs: Brandon + Nalbion
- Meeting Cadence: Every other week.
 - Agent Protocol + Other week

AI Engineer Foundation Meeting 21 Feb 20, 2024

- Announcement: In person hackathon in SF this Sat
- Planning AIEF **DataMarch** Hackathon in March [online only]
- 9:40am Technical Deep Dive from Simulatrex (Dominik)

AI Engineer Foundation Meeting 20 Feb 13, 2024

Demos/Presentations:

- Announcement:
 - Planning an online hackathon this Saturday [~~online only~~]
 - Sponsoring company
 - Need volunteers
 - Yikes: hackathon similar to esports event. Voice Channel. Streaming. List with a bunch of teams hacking. Whenever someone pings/goes live, host on stage can go in and chat with specific team.
 - Planning AIEF **DataSpring** Hackathon in May
 - Week 0/ Data creation tooling hackathon
 - Week 1/ Manual or Synthetic data creation hackathon
 - Week 3/ Finetuning (embedding or Custom LLM)

- Weekend 4/ Application Hackathon
 - Kick off on Saturday one day hackathon
 - Feedback from Yikes: similar to buildspace
 - Weekend 2/ Touch grass and automation weekend
 - If you do the previous weekend manually, then you maybe don't touch grass, and keep up the manual work lol
 - If you automated, then go touch grass while the automation runs
 - Kick off on Saturday weekend hackathon
- PR:
 - Review 4 new PRs from Nalbion.
 - Brandon to update the plan on his PR
 - Zane:
 - Need help reviewing/peer review the PR
 - Friday same time as this meeting. 9:30PST, 11:30Central Time
 - Yikes:
 - Stream the office hour/code review!
- API:
 - Update from Kai (see if there's any updates)
 - Sasha discuss "Clarifying Agents API" (if there's an API need.)
 - Plugin System Plan (RFC?)
- Demos/shares:

AI Engineer Foundation Meeting 19 Feb 6, 2024

Demos/Presentations:

- [Luma event setup \(ask people to spread the word\)](#)
- New RFC Proposals ([Link here](#))
 - Info Endpoint - RFC
 - Config options - RFC
- [Close the PR from Kai](#), may be more discussion needed (according to last comment 3 days ago)
- European Chapter Update - @Yavor Belakov
- Juan:
 - Opt for using Ollama Library for JAVA rather than using with OpenAI
- Wayne:
 - AI Agents here to augment and replace job
 - AI are just more complex rules

AI Engineer Foundation Meeting 18 Jan 30, 2024

Discussions:

- @wilsonianb [PR](#), needs testing
 - Setup office hour on Friday with him

- @mjschock [PR](#):
 - Zane to double check that it works for both Python & JS
- Kai's proposal for Agent API schema
 - TODO: will write an RFC
- Verdict for Llegos: too early, need ≥ 2 companies participation

AI Engineer Foundation Meeting 17 Jan 23, 2024

Discussions:

- [Pull Request Adding Additional Input Parameter](#)
 - Need to make sure the test-suite covers this case
 - Need to make sure that the test-suite does not break
 - [Vignesh's project Company](#): 20
- Merch: need help
- Phlo - talk about marketing progress
- Cool projects we have seen out there, send links!

Feedback from Vignesh:

- Created the task to execute the step, we have in memory DB. If multiple workers/agents are initiated. Ask: Python SDK template to include Database integration. Example: [AutoGPT](#)
- We need to shard the memory to work with multiple workers

Juan:

- JAVA is going good!

Yikes:

- OpenSource GPT Store Hackathon Friday 10am - Sunday 11am (PST)

Demos/Technical Deep Dive:

- Cyrus on [Llegos](#) (starts at 10am PST)

AI Engineer Foundation Meeting 16 Jan 16, 2024

Discussions:

1. [Guide to Donating Projects to AIEF](#)
2. YoungPhlo is going to be our Marketing Lead!
 - a. Leave the Floor to YoungPhlo
3. JS SDK pushed to 1.0.3, thanks to Wilson!
4. JS Client Generation [Issue](#) TODO:
 - a. Use [OpenAPI Generator](#) for Python and TypeScript clients
 - b. [Validate OpenAPI schemas](#) and clients
 - c. By next weeks' meeting
5. JAVA - Juan
 - a. Which framework?
 - i. Springboot, Quarkus, and Micronaut
 - b. Meeting scheduled with Zane
 - c. [JAVA release people are excited about](#)

- d. Discussions we have in the meeting can be a blog post
- 6. Yikes
 - a. [Manifold AI Research Group](#), weekly newsletter as to where things are at.
 - b. Have an agent that summarizes them / Resources collected
 - c. Transcribe to make notes
- 7. Demos?
 - a. [Smol Talk](#)
 - b. [Rabbit R1](#)
 - c. [Redbot Discord Bot - COGS, Assistant API, Vector](#)
 - d. GPTs Store Open Source - yikes
 - i. <https://github.com/CakeCrusher/opengpts-monorepo> -- storefront
 - ii. <https://github.com/stellar-amenities/assistants> -- oss assistants api for the backend
 - iii. on my harddrive -- oauth & generic stripe treasury payments thingy
 - iv. <https://github.com/commune-ai/commune/blob/main/README.md#register> -- alternate store/economy to release ur gpt into if you're a weird crypto nerd
 - v. Agent Artificial: <https://www.agentartificial.com/>
 - vi. <https://www.communeai.org/>

AI Engineer Foundation Meeting 15 Jan 9, 2024

Discussions:

1. Go over issues, PRs, and goals for the new year.
 - a. Issues
 - i. [JS SDK build error](#)
 1. (Zane) I believe this was fixed in a PR, need to verify referenced PRs.
 - ii. [OpenAPI Schema Validation](#)
 - b. PRs
2. Version 2:
 - a. Info endpoint + Config Options
 - i. [Nic - primary owner, Zane] Need to separate the config options from the info endpoint PR.
 - ii. [Nic - primary owner, Zane] Need to finish the Config Options PR
 1. *Primary holdup: OpenAPI Schema Changes*
 - b. Authentication (Sidekik/Kaspar)
 - i. RFC written (come to Zane's office hour)
 - ii. Update the documentation
 - iii. Revert the style changes (should be on their own commit)
 - iv. Collaborate with Zane and Ntindle for the Config Options and Info Endpoint schema changes to implement the Authentication.
 1. *Dependencies: Info Endpoint -> Config Options -> Authentication*
3. Goal:

- a. Join Linux Foundation (By End of February)
 - b. Release V2 (By End of March)
- 4. Tonic wants to join Foundation level calls.
- 5. Wane:
 - a. [Gave Inspirational Speech]
- 6. Sasha:
 - a. [Gave Pragmatic Speech]
- 7. Tonic:
 - a. More connectors/SDK please: SemanticKernel, AutoGen, ...
 - b. MultiOn + SuperAgent Deployment
 - c. Wishful Search: mix agentic to nonagentic (airplane booking/websearch)
- 8. Zane:
 - a. Call2Action (issue) to get the community to create Agent Protocol Connector

AI Engineer Foundation Meeting 14 Dec 19, 2023

Discussions:

1. Review draft PR on <https://github.com/AI-Engineer-Foundation/agent-protocol/pull/85>
 - a. Make it more explicit, stating that it is for declaring a schema for the additional_input
 - b. TODO: Separate out the config_options and info endpoint PR
2. Need for help on non-technical contributions:
 - a. Making Tutorials/Videos
 - i. Watch it and create clips/shorts (shorts are what creates engagement)
 - b. Community management (setup discord roles)
 - c. Ops - recording our meetings and publishing on youtube
 - d. Engaging with social media to get more people participating in our weekly discussion
3. Decide whether to skip next week's meeting, when our next meeting is?
4. Merry XMas!

AI Engineer Foundation Meeting 13 Dec 12, 2023

- Updates:
 - Working on Info Endpoint [Nick : Zane]
 - Questions from [Draft PR](#)
 - Questions for Reinier for #44
 - Agent Protocol Site Updated by Pallav
 - Pwuts is asking about support for one to many support for agents working in the same workspace. So that multiple agents can work with the same artifacts

Discussions:

1. We have ap/supported_versions: ["2", "3"]

AI Engineer Foundation Meeting 12 Dec 5, 2023

- Presentation: [Marco]: Jungle Gym Launch
- Updates:
 - Sidekik is helping us implement the auth endpoints on Agent Protocol
 - Local meetups
 - Will get model-metadata-central merged into AI Engineer Foundation
- Issues/Pull request dive and discuss Help Wanted (Zane):
 - [CLI]: HJ and Zane looking for people to work on the CLI interface
 - Rust based
 - Will enable CICD pipeline for Agent developers
 - [JS]: TotalDev will be working on issues #82 and #83, need somebody to work on issue #84 (for JS SDK)
 - [Python]: Python Client and SDK are currently good to go, need to look to updating for the v2 switch. Create a separate branch for v2 changes?
 - [Docs]: Correct links on the agentprotocol.ai site to the updated repositories.
- TODO:
 - [#44 \(bidirectional agent communication\)](#) - reach out Pwuts
 - # topic concept
 -

AI Engineer Foundation Meeting 11 Nov 28, 2023

Discussions:

- Discuss supporting [auth in the agent protocol](#)
- Would anybody like to create a JS/TS Client?
 - <https://github.com/AI-Engineer-Foundation/agent-protocol/issues/43>
- Would it be useful to have a Java or .Net Client?
 - Are there AI Agents being created in Java or .Net?
- How can we prevent getting prompt injections in the agent?
- Monorepo consolidating in progress
- TODO:
 - Review PR
 - Nic + Zane: the schema for "config_options" to separate out "task type", "step type"
 - Assign the info endpoint issue and PR to Nic + Zane
 - Reply with a discussion time on the RFC
 - Zane to setup meetings with Juanreds (office hours)
- Topic Endpoint (Assistant API)

AI Engineer Foundation Meeting 10 Nov 21, 2023

Discussions:

- What's going on with OpenAI???

- Thoughts on OSS Models?

AI Engineer Foundation Meeting 9 Nov 14, 2023

Discussions:

- Delete the AGBenchmark - Pwuts
- OpenAI collaboration (call for participation)
 - + Nic
- Stevo:
 - Agent to agent communication (github project)
- Model Metadata Central
 - Quick overview: a way to everyone who is building on multiple models to use metadata for those models. Max tokens/cost token/byte encoding algorithms, etc. Building out a simple wrapper on python, rust, go, typescript.
 - Json schema ready, tweak + validate
 - Model destination examples: openai, mistral
 - Required fields are minimal
 - TODO: add build step, github actions,
 - Nic + Pwuts - working on an initiative to have functionality to stub out various features some models has but others don't. This metadata can be a good backing layer. Does it generate good json? Features of different models can be included as well, metadata tags. AutoGPT is very interested
 - TODO/Ask:
 - Answer: What else would you need in the python: <https://github.com/InterwebAlchemy/model-metadata-central/tree/main/packages/python>
 - An example of a model you'd want to know and you can submit information about the model, no edge case that breaks the schema
 - Any feedback on the schema itself in the README.
 - Javascript build script
 - Add issues + milestone
 - QUESTION:
 - Does this need langchain integration + llamaIndex etc
 - Once we publish to pypi, we can start with langchain
 - Python package ready - next week (but pip later)
- Stevo demo
- Discord + people creating channels
- Adding AgentProtocol support to AI Teams library
-

AI Engineer Foundation Meeting 8 Nov 7, 2023

Discussions:

- OpenAI announcement discussion -

- [Threads API <> Agent Protocol](#)
- Handles pagination, takes care of the management of the context window
- Issues:
 - When you kick off a run you cannot add message or start another run, there can only be one run. You have to post a message to a thread, use the thread api to add the input message to, and then start a run, start an assistant that responds to the last message. You have to pull to see the status of the run. You cannot start a new run or add message to the thread until the last run gets out of the in progress state. Once completed, you have to list the messages of the thread, you have to track the last message ID.
 - Automatic management of the context window.
- You can have multiple assistants running on the same thread. Created a thread per conversation.
- Tool use: retrieval, function, code interpreter; function calls can return an array of functions.
- Agent Protocol:
 - Monorepo - need to branch `python:agent-protocol@1.2.0` like this in a single repo; Zane to update on the progress.
 - Monorepo Format - **Discussion Point:** Several monorepo formats I've seen existing are very straightforward (reference needed), as below.
 - Apps - Containing applications (like the agentprotocol.ai site for now, CLI in the future)
 - Packages - Containing any packages that are published to any of the package repositories including pypi, npm, etc.
 - Tools - Containing any tools for using the repository or packages that doesn't quite qualify as a fully fledged application and isn't published as a package (Moving the testing suite here)
 - Spec - Terminology that fits better with the openapi spec, moving the schemas here.
 - RFCs - This one we keep 😊
 - TODO: figure out the pypi token update.
 - Possibility of changing Code of Conduct and CI/CD pipeline to enforce the Conventional Commits standard
(<https://www.conventionalcommits.org/en/v1.0.0/#specification>)
 - All commits should have feat, fix, and any breaking changes should have BREAKING CHANGE
 - The scope would indicate which package is being edited (e.g. python-sdk, cli, spec)
 - The end result should be:
 - fix(spec): Renamed object schema for tasks
 - feat(python-sdk): Added XYZ feature
 - Artifact naming

- filename (is typically a displayname) --> url (in the process to be more generic)
 - Jon and Stevo make RFC
 - Mutable? created_at, and updated_at - another RFC
- Stevo:
 - Creating the agent protocol server with the assistant API
 - Jon, Stevo - JS side
 - Sasha - python side?
- Postman - Open API
- Events
 - Wednesday 9am to Thursday late evening - hackathon
 - Wednesday 5:30pm - recap
 - Friday 9am (PST) - Code Hangout - weekly!
- Demos:
 - Stevo demo on [Teams AI](#): LLM doing reliable multi-turn task completion with almost no prompt engineering

Agent Protocol Meeting 7 Oct 30, 2023

Discussions:

1. Turning the repo back into a monorepo
 - a. Helps with the discord bot
 - b. Also helps with additional projects joining
 - c. Swifty likes the idea - monorepos are good.
2. CLI
 - a. Zane + HJ
3. AutoGen update
 - a. Nic will look at it later on
 - b. Maybe 1mo?
4. Langchain - No progress yet this week
 - a. Sasha is going to work on python side ([templates](#))
5. Swifty: - Chat endpoint
 - 1 '/ap/v2/agent/concept/{concept_id}/tasks/{task_id}/artifacts':
 - 2 '/ap/v2/concept/{concept_id}/agents/{agent_id}/tasks/{task_id}/artifacts':
 - 3 '/ap/v2/agents/{agent_id}/concept/{concept_id}/tasks/{task_id}/artifacts':

Jon + Nic: have multiple agents working on the same concepts

- a. Chat -> Tasks -> Steps
- b. Why - to expand the useability of the agent protocol from a task protocol to a general purpose protocol, a concept above tasks is needed. This concept, I have called chat for now, is able to initiate tasks. Think of how ChatGPT Code Interpreter / search works
- c. Jon - higher level things are good, and want something continuous

- d. Nic - how do you envision this to be used? - it seemed like a folder with shared context, proposes 2
- e. Hunter - if we added this to agent protocol, does it mean that the agents builder will have to have multiple tasks that all have shared context? What is the functionality difference from the agent creator's perspective
- f. Sasha: chaining? Nic not for it.
- g. Zane: should be a plugin system and more niche, not necessarily what everybody would use
- h. Nic: maybe perhaps optional endpoint
- i. Zane: Getting the plugin system and up and running is higher priority

Agent Protocol Meeting 6 Oct 24, 2023

Agenda:

Announcements:

1.

Discussions:

- 1. Additional Input VS config → Sasha thinks should keep "additonal_input"
- 2. Rename: create_step → execute step? (not super important)
- 3. "apc" as CLI tool name on package repositories
- 4. Langchain integration updates - adding a Toolkit & (maybe) AgentExecutor

Notes/Discussion w/ Group

- 1. Stevo's Bot Framework Emulator demo & discussion.
- 2. Stevo: OpenAI's work towards their own Agent Framework.

FILL IT IN BELOW: Tasks that need community help with:

Task	Issue	Owner	Timeline (deadline)?
GraphQL impl	Issue #9	@tmc	??
Javascript Client	Issue #43	alchaplinsky	??
Rust CLI	Issue #72	Zane + HJ	Oct. 27
Langchain Integration	Issue #74	Jon (TS) + Sasha (Py)	??
Llama Index Integration		?	
AutoGen adapter		Nick	
Tutorials / Usecases		Charles	Oct 21 (hello world)

		Jon (Langchain example for integration and simple nextjs example)	
Bot Framework Emulator Conversion to Agent Protocol		Stevo	

Agent Protocol Meeting 5 Oct 17, 2023

Agenda:

Announcements:

1. Javascript Client being worked on by [alchaplinsky](#) from [Issue #43](#), will likely create a new repository for the client on completion.
2. Javascript SDK is updated. NPM package is launched.
3. Python/JS SDK and Python Client have matching major versions, currently v1. (see point 1 for JS client)
4. Development on a Rust CLI has officially started, along with some extended ideas that can be found in the github issues. ([CLI Issue #72](#))
5. **Versioning:** Major and Minor on all projects will match the spec, and Patches will change per release.

Discussion by next meeting we will:

1. Resolve/Finish the task described in [Issue #72](#) (CLI), written in Rust and available as an early demo. If you are interested to help with it, message Ziggy on discord.
2. [Community Discussion]: Have an updated Python SDK and Client. Unclear about the JS SDK and Client currently.
3. Remove the hard coded versions on agbenchmark and autogpt
4. From Stevo: approaches to making the protocol transport layer agnostic.
 - a. Discussion: cocreators of MS bot framework, designed SDKs for chatbots. Opinions come from the lessons learned from what not to do. IRC + UDP
 - b. TODO: get some links from popular examples**
 - c. From Charles: Compliant to OpenAPI will help with OpenAI function calling
 - d. From Stevo: Perhaps OpenAI does not even have the right interface. Let's look at the websocket implementation, and see if there are broader generality with non-websockets related integrations...
5. Agents...
 - a. Stevo: Trust boundary → Sasha: agents/<agent_id>/...
 - i. Will send some pointers (steppable+cancellable)**
 - b. Jon: agent does one task, and not steppable. Using each task as an Agent

Notes/Discussion w/ group:

1. What have we learned from the AI Engineer Summit?
 - a. Zane: I learned that there's a lot of competing ideas of what an agent is at it's concept, and one thing that could help us out is clearly defining what an agent is. One of the concepts with that is something Langchain did a while back where apparently they always involve some sort of indeterministic quality like an LLM whereas I don't think that's an accurate description of an agent ([see here for more](#)). I believe personally that an agent can sort of encompass many forms of automated systems and can include deterministic systems, for example in the past many "AI" were decision trees and etc. I believe that an agent using these or other forms of algorithmic approaches would theoretically still classify as an agent. **The reason I bring this up is that I've heard many people say that they thought that their product or service would not count as an agent, and yet they're building it with AI as an autonomous system that interacts with NLP via user/LLM or etc.** Which is fundamentally what we should be making sure people see is the fact that what we've built applies exactly to that use case.
2. What have we learned from the AutoGPT BBB Hackathon?
 - a. Sasha: Issues with SDK.
 - b. Zane: I learned that the terminology of tasks and steps might not always apply so simply, and I'm curious on the topic of renaming them to something a bit more abstract since the idea of a task or step could be confusing. For example, in an agent that runs continuously and never changes it's context window or anything like that, right now the way I envision this happening is that they create a single task at the startup of the agent and then create infinite steps after that for each point of
 - i. Will work w/ Zane & sasha to chat about how to support this case.
3. What seems to be the general opinion of the Agent Protocol from third parties/discussions after the summit?
 - a. Zane: From everything I've seen, people really like the idea. A few people were confused on the concept, but after explaining it things really started to click and I haven't heard of anybody that is against creating a standard at all. Only concerns with the specific structure, which is exactly what we want.
4. Uncle Steve shares his principles of what he thinks embodies a well designed Agent Protocol.
 - a. Stevo: This will be my first meeting so I mainly just want to listen and learn. But I'm happy to share some thoughts for what I think a well designed Agent Protocol would look like.

FILL IT IN BELOW: Tasks that need community help with:

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Javascript Client	Issue #43	alchaplinsky	??
Rust CLI	Issue #72	Zane	Oct. 27
Langchain Integration	Issue #74	Jon (TS) + HJ (Py)	??
Llama Index Integration		?	
AutoGen adapter		Sasha	
Tutorials / Usecases		Charles	Oct 21 (hello world)

Agent Protocol Meeting 4 Oct 6th, 2023

Agenda:

Announcements:

1. Javascript SDK, contribution made but not pushed to the npm package. There was a PR request.
2. Contribution guidelines and code of conduct + github profile page on AgentProtocol.ai
3. Docs removed to another repo

Discussion by Friday 9am we will:

1. Have an infographic video done for the Agent Protocol
2. Any updates from the Hackathon?

Notes/Discussion:

1. ~~[TODO]~~ DONE]: Zane to send message to Vasek
2. ~~[TODO]~~ DONE]: Need to resolve AgentProtocol Issue - benchmark is not working
 - a. Solution: Pushed version updates to pypi packages
 - b. Additional Note: Benchmark in it's own repository is deprecated entirely and has been moved to the autogpt monorepo.

Agent Protocol Meeting Sept 29th, 2023

Agenda:

Announcements:

1. Shipped “agent-protocol-client”
2. Deprecated agent-protocol cli (removed the necessary “agent-protocol test”, working on a new ap-cli, spec: [Link to Discussion Issue](#), will remove after a cli is implemented, this is to remove maintenance needs from both sdk repositories)

Discussion:

3. Designing a new Plugin system, spec: [Link to PR](#)
4. Ways to increase adoption for Agent Protocol
 - a. Better documentation for dependencies:
<https://github.com/AI-Engineer-Foundation/agent-protocol/network/dependents>
 - b. Additional Example Agents
 - c. Video Tutorial or Infographic explaining the protocol and perhaps another walking through creating an agent using the sdk
 - d. More posts across different social media platforms

Notes/Decision:

1. A very clear way of communicating to the team “I need the agent protocol to do this” and have a clear way for submitting issues.
2. Other agent tools:
 - a. Airwaves: <https://github.com/aiwaves-cn/agents/issues/109>
 - b. GTPilot -> [Pull requests · Pythagora-io/gpt-pilot \(github.com\)](#)
 - c. SuperAgent:
 - d. Autogen: <https://github.com/microsoft/autogen/issues/49>
 - e.

Agent Protocol Meeting Sept 22th, 2023

Agenda:

1. V1 release announcement
 - a. [DONE] Making Smol developer work
 - b. Making AutoGPT dependency work
 - c. Making E2B work...
2. Status of or Issues with Agent Protocol v1.0 adoption with AutoGPT and etc.
3. Issues with SDK (you can install with `pip install agent-protocol`)
4. Maintenance:
 - a. PR review for agent-protocol-JS
 - b. Pull request template
 - c. Issues template
 - d. Contribution Guideline
 - e. Auto-sync update between python and JS versions
5. V2 Release Short Discussion
 - a. In-depth discussions about V2 will take place in the next meeting.
 - b. There are discussion Issues about the V2 release, including the info endpoint and config changes to tasks and steps, as well as another for plugin support (Issue #
 - c. Additionally, a CLI issue [has been created](#)
 - d. Optional output in POST /agent/tasks (Issue [#63](#))

Notes/Decision:

1. [DONE]: Will switch the Vercel docs to the new doc repo
2. Website is updated
3. Only the python SDK is compliant, and JS is lagging behind just so you know!
4. Question: E2B integration with Agent Protocol V1, any issues? (vasek@e2b.dev)
5. Get in touch with Peter from GPTEngineer (to check SDK usage)
6. [TODO]: Double check updates on the spec should trigger a new build on python-SDK with pypi
 - a. No it does not work
7. Template Creation - follow examples of successful OSS projects:
 - a. Linux
 - b. [Home Assistant \(home-assistant.io\)](https://home-assistant.io)
[Home Assistant Developer Docs | Home Assistant Developer Docs \(home-assistant.io\)](#)
 - i. Multiple different landing pages
 - ii. - one for devs
 - iii. - one for consumers
8. Announcement Avenue:
 - a. Doc

- b. Twitter
- 9. Deprecation in code? (maybe just do → Announcement: Deprecated on twitter)
- 10. GraphQL/Websockets discussion:
 - a. Different discussion from the plugin system
 - b. May start a group to hash out implementation detail
- 11. Plugin can be v1? We will have the info endpoint describe the plugins; That's why we need to do it in v2; Can info endpoint be v1? Yes. We can add it to v1 but with 404 if it does not exist. So conclusion plugin can be v1.

It is "opinions" that shape what the "non-opinionated" spec should look like. - Zane

Agent Protocol Meeting Sept 14th, 2023

Agenda:

1. Proposal: change the current agent-protocol repo to the spec repo
 - a. Add agent-protocol-docs to a separate repo
 - b. Have an agent-protocol-wg or agent-protocol-community repo (inspiration from graphql: <https://github.com/graphql/graphql-wg/tree/main> and opentel: <https://github.com/open-telemetry/oteps>)
 - c. Do we want to implement CLI client for v1.0? If so, CLI should be in its own repo. Do we have resources to build CLI before September 22nd?
 - i. Create task, list tasks, list steps
2. Proposal: remove "additional_input" for both task and step
 - a. Reasoning: natural language interface, adding those "additional_input" fields defeats the purpose of having a protocol. A protocol is a standardization.
 - b. Note: very spicy take, very ideal, in theory. We may not be able to support some agents because of this.
 - c. Additional potential proposal: Removing the input for task and keeping it localized to steps. This may not be the right option. **Zane come back**
 - d. However, later we may discuss removing the input for a task, to where
 - e.
3. Proposal: versioning would be a single integer (v1 instead of v1.0)
 - a. Reasoning: It's simpler, and there shouldn't be very many releases or patches, only larger changes overall
 - b. Note: what if instead of an integer no matter what, we rounded down whole numbers? Compromise in case we make a 1.1 rather than a 2?
4. We discussed this in channel:
 - a. GET
`https://development.gigantic-server.com/ap/v1/agent/tasks/{task_id}/steps/{step_id}`
 - b. Info endpoint

Notes/Decision:

- [low pri] CLI client yes most likely will be able to build before Sept 22nd.
- [high pri] Making the repo leaner and preparing for the V1.0 release
- We agreed to change the current agent-protocol into a spec repo, and create another repo for docs as well as agent-protocol working group where we host meeting documents etc.
 - Testing suite will go into the doc repo
 - We just need to make sure the synchronize. We can do CI tricks to sync them.
- Rename `additional\_input` to `config`, keep it, not remove it.
- [TODO]: Do we want to keep integers versioning?
 - [Research] figure out how popular endpoints versioning work

- Additional: GPT Engineer and GPT Pilot (setup a mailing list for those people)

Agent Protocol Meeting Sept 12th, 2023

Agenda:

1. Progress update for v1.0 release on Sept 22nd
2. PR actions
3. RFC discussion
4. Identify inconsistencies and owners to fix
5. The role of SDK
6. New feature dev
 - a. [Zane] CI/CD, and more!
 - b. [Sasha] simple agent dev
7. Explanation Video Idea
8. Any other discussion?

Notes:

- CI/CD: (maybe stop doing CI/CD)
 - Testing suite is not complete
 - Pagination is not fully implemented
 - Uploads are not how it is supposed to be, 404, or 500.
 - SDK themselves are non-compliant with the spec (python/js)
 - Does not have upload support/pagination issues
 - AutoGPT forge has a good implementation of the SDK right now (reference implementation)
 - Possible Immediate way of how to fix the SDK: sideline javascript, and focus python SDK
 - Community implementation is maybe good enough
- CLI tool → be able to inspect the agent
 - Built a tool for viewing, check for task/etc...
 - Maybe can be its own repo
 - Reference implementation (test)
- [Ask help from Allen] can help with issue - with the 404 with 500 (the forge does not comply right now)
- Zane's Notes (Made in Obsidian):
<https://github.com/jzanecook/agent-protocol-notes>
- Should be easy to get done by the End of the week

```
agv --host=localhost:3493 --input="Write the word washington to a file called hello.txt"
```

```
--output="hello.txt"
```

```
# CLI tool example
```

```
agv --host=localhost:3493 --input="Write the word washington to a file called hello.txt"
```

```
--output="hello.txt"
```

```
# Github CI/CD Example
```

```
- name: Validate Complies with Agent Protocol
```

```
uses: agent-protocol/validator
```

with:

```
write_prompt: "write the word washington to a file called hallo.txt"
```

Decision:

Things I promised will discuss offline:

- PR review and RFC discussions
- Whether or not RFC should go into a separate repo (what's your thoughts on this?)

Conclusions from meetings:

- We will create a CLI reference implementation on how to check if your agent fit the schema
- We will also provide a reference implementation of github action
- No longer doing CI/CD in the agent protocol repo, bc it does not make sense since we need an agent implementation
- Perhaps it makes sense to remove the SDK from the repo, and just keep the repo as the spec.