

## Claude Code tracing

### Confirmed not working:

claude-trace

LangSmith

claude-code-proxy

<https://github.com/badlogic/lemmy>

### Potential working solution:

MLflow

LiteLLM + Langfuse (looks promising, start with it first)

### LiteLLM + Langfuse approach

<https://tensormesh.atlassian.net/wiki/spaces/~7120209cca81e6ea95406d80e53f631d9ce9af/pages/745799682/Claude+Code+Tracing>

langfuse is a piece of \*

```
1 16:37:47 - LiteLLM:ERROR: litellm_logging.py:4082 - [Non-Blocking
Error] Error initializing custom logger: Langfuse.__init__() got an
unexpected keyword argument 'sdk_integration'
2 Traceback (most recent call last):
3   File "/Users/kobe/Desktop/lmcache-agent-
trace/.venv/lib/python3.12/site-
packages/litellm/litellm_core_utils/litellm_logging.py", line 3921, in
__init_custom_logger_compatible_class
4     langfuse_logger = LangfusePromptManagement()
5     ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
6   File "/Users/kobe/Desktop/lmcache-agent-
trace/.venv/lib/python3.12/site-
packages/litellm/integrations/langfuse/langfuse_prompt_management.py",
line 122, in __init__
7     self.Langfuse = langfuse_client_init(
8     ^^^^^^^^^^^^^^^^^^
9   File "/Users/kobe/Desktop/lmcache-agent-
trace/.venv/lib/python3.12/site-
packages/litellm/integrations/langfuse/langfuse_prompt_management.py",
line 106, in langfuse_client_init
10    client = Langfuse(**parameters)
11    ^^^^^^^^^^^^^^
12 TypeError: Langfuse.__init__() got an unexpected keyword argument
'sdk_integration'
13
```

try local logging

```
1 uv pip install litellm
2 uv pip install langfuse
```

Create `config.yaml`

```
1 model_list:
2   - model_name: claude-sonnet-4-5-20250929
3     litellm_params:
4       model: anthropic/clause-sonnet-4-5-20250929
5       api_key: os.environ/ANTHROPIC_API_KEY
6   - model_name: claude-haiku-4-5-20251001
7     litellm_params:
8       model: anthropic/clause-haiku-4-5-20251001
9       api_key: os.environ/ANTHROPIC_API_KEY
10  - model_name: claude-opus-4-5-20251101
11    litellm_params:
12      model: anthropic/clause-opus-4-5-20251101
13      api_key: os.environ/ANTHROPIC_API_KEY
14
15  litellm_settings:
16    success_callback: ["langfuse"]    # logs input/output to Langfuse
17    failure_callback: ["langfuse"]    # also log failures
```

Set environment variables

```
1 # Your real Anthropic key
2 export ANTHROPIC_API_KEY="sk-ant-***"
3
4 # LiteLLM master key (any string you choose)
5 export LITELLM_MASTER_KEY="sk-my-litellm-key"
6
7 # Langfuse keys (if using Langfuse)
8 export LANGFUSE_PUBLIC_KEY="pk-lf-***"
9 export LANGFUSE_SECRET_KEY="sk-lf-***"
10 export LANGFUSE_HOST="https://cloud.langfuse.com"
```

Start the proxy

```
1 litellm --config config.yaml
2 # Proxy runs on http://0.0.0.0:4000
```

error fix

```
1 uv pip install 'litellm[proxy]'
2 cd claudecode
```

displays

```
1 (lmcache-agent-trace) kobe@Kobes-MacBook-Pro claudecode % litellm --
2 config config.yaml
3 INFO:      Started server process [28772]
4 INFO:      Waiting for application startup.
5
6
7
8
9
10
11
12
13 #-----#
14 #
15 #      'The worst thing about this product is...' #
16 #          https://github.com/BerriAI/litellm/issues/new #
17 #
18 #-----#
19
20 Thank you for using LiteLLM! - Krrish & Ishaan
21
22
23
24 Give Feedback / Get Help:
25     https://github.com/BerriAI/litellm/issues/new
26
27 Initialized Success Callbacks - ['langfuse']
28 Initialized Failure Callbacks - ['langfuse']
29 LiteLLM: Proxy initialized with Config, Set models:
30     claude-sonnet-4-5-20250929
31     claude-haiku-4-5-20251001
32     claude-opus-4-5-20251101
33 INFO:      Application startup complete.
34 INFO:      Uvicorn running on http://0.0.0.0:4000 (Press CTRL+C to
quit)
```

Point Claude Code at the proxy

```
1 export ANTHROPIC_BASE_URL="http://0.0.0.0:4000"
2 export ANTHROPIC_AUTH_TOKEN="sk-my-litellm-key"
3 claude
```

claude code version

```
1 Claude Code successfully installed!
2 Version: 2.1.49
```

```
1 model_list:
2   - model_name: claude-sonnet-4-6
3     litellm_params:
4       model: anthropic/clause-sonnet-4-6
5       api_key: os.environ/ANTHROPIC_API_KEY
6   - model_name: claude-haiku-4-5
7     litellm_params:
8       model: anthropic/clause-haiku-4-5-20251001
9       api_key: os.environ/ANTHROPIC_API_KEY
```

```

10    - model_name: claude-haiku-4-5-20251001
11        litellm_params:
12            model: anthropic/claude-haiku-4-5-20251001
13            api_key: os.environ/ANTHROPIC_API_KEY
14    - model_name: claude-opus-4-6
15        litellm_params:
16            model: anthropic/claude-opus-4-6
17            api_key: os.environ/ANTHROPIC_API_KEY
18
19 litellm_settings:
20     success_callback: ["langfuse"]
21     failure_callback: ["langfuse"]

1 uv pip install --upgrade langfuse litellm
2 # restart the proxy
3 litellm --config config.yaml

1 (lmcache-agent-trace) kobe@Kobes-MacBook-Pro claudocode % uv pip
install --upgrade langfuse litellm
2
3 Using Python 3.12.12 environment at: /Users/kobe/Desktop/lmcache-agent-
trace/.venv
4 Resolved 67 packages in 212ms
5 Prepared 1 package in 0.38ms
6 Uninstalled 1 package in 6ms
7 Installed 1 package in 2ms
8 - rich==13.7.1
9 + rich==14.3.3

1 16:37:47 - LiteLLM:ERROR: litellm_logging.py:4082 - [Non-Blocking
Error] Error initializing custom logger: Langfuse.__init__() got an
unexpected keyword argument 'sdk_integration'
2 Traceback (most recent call last):
3   File "/Users/kobe/Desktop/lmcache-agent-
trace/.venv/lib/python3.12/site-
packages/litellm/litellm_core_utils/litellm_logging.py", line 3921, in
__init_custom_logger_compatible_class
4       langfuse_logger = LangfusePromptManagement()
5       ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
6   File "/Users/kobe/Desktop/lmcache-agent-
trace/.venv/lib/python3.12/site-
packages/litellm/integrations/langfuse/langfuse_prompt_management.py",
line 122, in __init__
7       self.Langfuse = langfuse_client_init(
8       ^^^^^^^^^^^^^^^^^^^^^^^^^^
9   File "/Users/kobe/Desktop/lmcache-agent-
trace/.venv/lib/python3.12/site-
packages/litellm/integrations/langfuse/langfuse_prompt_management.py",
line 106, in langfuse_client_init
10      client = Langfuse(**parameters)
11      ^^^^^^^^^^^^^^^^^^^^^^
12 TypeError: Langfuse.__init__() got an unexpected keyword argument
'sdk_integration'
```

llm works but tracing fails at this point

```

1 litellm_settings:
2     success_callback: ["json_logger"]
3     failure_callback: ["json_logger"]

1 (lmcache-agent-trace) kobe@Kobes-MacBook-Pro claudocode % litellm --
config config.yaml
2 INFO:     Started server process [31697]
3 INFO:     Waiting for application startup.
4
5
6
7
8
9
10
11
12
13 #-----#
14 #
15 #          'A feature I really want is...' #
16 #          https://github.com/BerriAI/litellm/issues/new #
17 #
18 #-----#
19
20 Thank you for using LiteLLM! - Krrish & Ishaan
21
22
23
24 Give Feedback / Get Help:
https://github.com/BerriAI/litellm/issues/new
```

```

25
26
27 Initialized Success Callbacks - ['json_logger']
28 Initialized Failure Callbacks - ['json_logger']
29 LiteLLM: Proxy initialized with Config, Set models:
30   claudie-sonnet-4-6
31   claudie-haiku-4-5
32   claudie-haiku-4-5-20251001
33   claudie-opus-4-6
34 INFO: Application startup complete.
35 INFO: Uvicorn running on http://0.0.0.0:4000 (Press CTRL+C to
quit)
36 INFO: 127.0.0.1:62745 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
37 INFO: 127.0.0.1:62751 - "POST /v1/messages/count_tokens?beta=true
HTTP/1.1" 200 OK
38 INFO: 127.0.0.1:62745 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
39 INFO: 127.0.0.1:62751 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
40 INFO: 127.0.0.1:62745 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
41 INFO: 127.0.0.1:62745 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
42 INFO: 127.0.0.1:62751 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
43 INFO: 127.0.0.1:62754 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
44 INFO: 127.0.0.1:62745 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
45 INFO: 127.0.0.1:62756 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
46 INFO: 127.0.0.1:62745 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
47 INFO: 127.0.0.1:62754 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
48 INFO: 127.0.0.1:62757 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
49 INFO: 127.0.0.1:62745 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
50 INFO: 127.0.0.1:62754 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
51 INFO: 127.0.0.1:62757 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
52 INFO: 127.0.0.1:62756 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
53 INFO: 127.0.0.1:62757 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
54 INFO: 127.0.0.1:62756 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
55 INFO: 127.0.0.1:62745 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
56 INFO: 127.0.0.1:62754 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
57 INFO: 127.0.0.1:62757 - "POST /v1/messages/count_tokens?beta=true
HTTP/1.1" 200 OK
58 INFO: 127.0.0.1:62759 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
59 INFO: 127.0.0.1:62745 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
60 INFO: 127.0.0.1:62757 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
61 INFO: 127.0.0.1:62761 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
62 INFO: 127.0.0.1:62762 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
63 INFO: 127.0.0.1:62761 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
64 INFO: 127.0.0.1:62761 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK
65 INFO: 127.0.0.1:62761 - "POST /v1/messages?beta=true HTTP/1.1" 200
OK

```

no logs

```

1 litellm --config config.yaml --detailed_debug 2>&1 | tee
litellm_full_log.txt

```

all collected corrected. start to parse(create a new chat template for '/messages')

in the end

1. need to convert input

2. the order is messed up

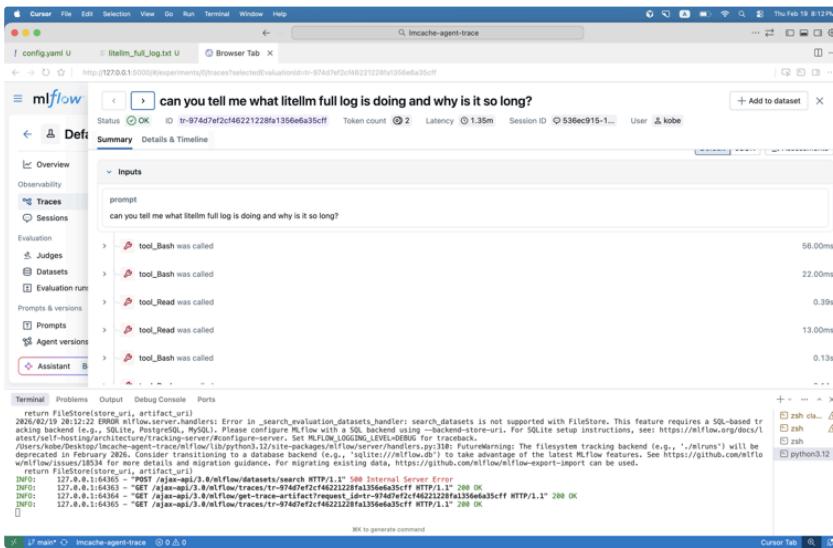
failed, going to try mlflow

## mlflow

```
1 uv pip install "mlflow[genai]"
2 mlflow autolog claude           # sets hooks in
3 .claude/settings.json
4
```

```
1 (mlflow) kobe@Kobes-MacBook-Pro ~ % mlcache-agent-trace % mlflow autolog
2 claude
3 Configuring Claude tracing in: /Users/kobe/Desktop/lmcache-agent-trace
4 ✓ Claude Code hooks configured
5 =====
6 ⚡ Claude Tracing Setup Complete!
7 =====
8 📁 Directory: /Users/kobe/Desktop/lmcache-agent-trace
9 🎨 Experiment: Default (experiment 0)
10 =====
11 🚀 Next Steps:
12 =====
13 claude -p 'your prompt here'
14
15💡 View your traces:
16 mlflow server
17
18🔧 To disable tracing later:
19 mlflow autolog claude --disable
```

failed: no input, output



\

fall back to litellm + custom\_callbacks.proxy\_handler\_instance

```
1 from litellm.integrations.custom_logger import CustomLogger
2 import json, datetime, os
3
4 LOG_FILE = os.path.join(os.path.dirname(__file__), "traces.jsonl")
5
6 class JSONLLogger(CustomLogger):
7     async def async_log_success_event(self, kwargs, response_obj,
8         start_time, end_time):
9         try:
10             entry = {
11                 "timestamp": datetime.datetime.now().isoformat(),
```

```
11         "model": kwargs.get("model", ""),
12         "messages": kwargs.get("messages", []),
13         "response": response_obj.model_dump() if
14             hasattr(response_obj, "model_dump") else str(response_obj),
15         "start_time": str(start_time),
16         "end_time": str(end_time),
17         "input_tokens": response_obj.usage.prompt_tokens if
18     hasattr(response_obj, "usage") and response_obj.usage else None,
19         "output_tokens": response_obj.usage.completion_tokens
20     if hasattr(response_obj, "usage") and response_obj.usage else None,
21         }
22     # Also capture the full request body sent to the provider
23     complete_input = kwargs.get("additional_args",
24     {}).get("complete_input_dict", None)
25     if complete_input:
26         entry["raw_request"] = complete_input
27
28
29     with open(LOG_FILE, "a") as f:
30         f.write(json.dumps(entry, default=str) + "\n")
31     except Exception as e:
32         print(f"JSONLogger error: {e}")
33
34     async def async_log_failure_event(self, kwargs, response_obj,
35     start_time, end_time):
36         try:
37             entry = {
38                 "timestamp": datetime.datetime.now().isoformat(),
39                 "model": kwargs.get("model", ""),
40                 "messages": kwargs.get("messages", []),
41                 "error": str(response_obj),
42                 "status": "failure",
43             }
44             with open(LOG_FILE, "a") as f:
45                 f.write(json.dumps(entry, default=str) + "\n")
46             except Exception as e:
47                 print(f"JSONLogger error: {e}")
48
49 proxy_handler_instance = JSONLogger()
```

```
1 litellm_settings:  
2   callbacks: custom_callbacks.proxy_handler_instance  
  
1 litellm --config config.yaml
```

further parse trace.jsonl

I worked. now try swe-verified ([princeton-nlp/SWE-bench\\_Verified](https://princeton-nlp/SWE-bench_Verified) · Datasets at Hugging Face)

```
1 git clone https://github.com/astropy/astropy.git
2 cd astropy

1 git checkout d16bfe05a744909de4b27f5875fe0d4ed41ce607

1 claudie

1 Modeling's `separability_matrix` does not compute se
2 correctly for nested CompoundModels
3 Consider the following model:
4
5 ````python
6 from astropy.modeling import models as m
7 from astropy.modeling.separable import separability_
8 cm = m.Linear1D(10) & m.Linear1D(5)
9 ````

10 It's separability matrix as you might expect is a di
11
12 ````python
13 >>> separability_matrix(cm)
14 array([[ True, False],
15        [False, True]])
16 ````
```

```

19 If I make the model more complex:
20 ````python
21 >>> separability_matrix(m.Pix2Sky_TAN() & m.Linear1D(10) &
22 m.Linear1D(5))
23 array([[ True,  True, False, False],
24 [ True,  True, False, False],
25 [False, False,  True, False],
26 [False, False, False,  True]])
27
28 The output matrix is again, as expected, the outputs and inputs to the
linear models are separable and independent of each other.
29
30 If however, I nest these compound models:
31 ````python
32 >>> separability_matrix(m.Pix2Sky_TAN() & cm)
33 array([[ True,  True, False, False],
34 [ True,  True, False, False],
35 [False, False,  True,  True],
36 [False, False,  True,  True]])
37
38 Suddenly the inputs and outputs are no longer separable?
39
40 This feels like a bug to me, but I might be missing something?

```

## Start tracing with swe-bench-pro

First figure out how many modes combinations on claude code

References:

<https://code.claude.com/docs/en/headless>

<https://code.claude.com/docs/en/settings>

<https://code.claude.com/docs/en/permissions>

### Key rules and observations:

1. Plan mode and then execute only exists under interactive mode. The reason is that plan mode is an independent read-only approach. After planning, the job is done. However, under interactive mode( claude ), after planning finishes. It will auto entering the 'execution' phase, which user can choose between Restricted/Yolo mode. There's a **mandatory** multi-choice to choose from for the user because there's a gap between plan phase and execution phase. Screenshots attached below. The choice itself belongs to neither phase.
2. Restricted/Yolo. The term 'Yolo', **dangerously-skip-permissions**, "bypass permissions" can be used interchangeably based on my observation. Claude doc is messed up. They all refer to a mode during execution phase that it will choose the best option and execute any command at its discretion. Restricted is the opposite where it needs approval for most commands or edits unless granted permission before.
3. auto-accept edits is not Yolo mode, it only permits editing files; Yolo requires a lot more.
4. Headless mode enters execution phase directly. If under Restricted mode, it will auto reject the request if it is not granted the permission silently. If under Yolo mode, it will execute anything.
5. Irrelevant but the number of Explore agent invoked is undeterministic from my past experiments, could be around 0-4

Mode	Command (each line is a command)	Behavior/Notes

Interactive +  
Plan mode +  
Restricted

claude

/plan

<"task query">

<choose which option to execute plan, then give permission along the way>

Execute 'claude' command,

then turn on plan mode,

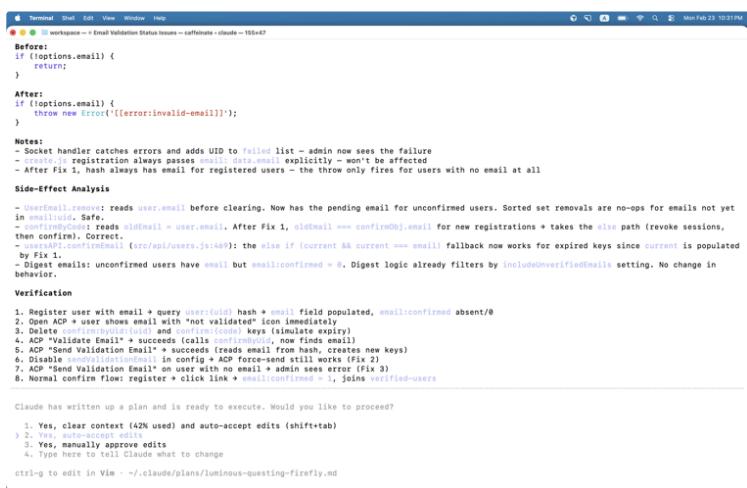
enter the task/query and send,

it will explore the repo and plan (I saw 3 parallel Explore Agents and Plan Agent this time)



```
Terminal Shell Edit View Window Help
● 3 Explore agents finished (ctrl+c to expand)
  ↳ Explore user email confirmation logic - 39 tool uses · 58.4k tokens
    ↳ Done
    ↳ Explore ACP user management display - 26 tool uses · 54.8k tokens
      ↳ Done
      ↳ Explore user email data and key storage - 32 tool uses · 55.3k tokens
        ↳ Done
Now let me read the critical files to understand the specific bugs before designing the plan.
Searched for 1 pattern, read 11 files (ctrl+o to expand)
Now I have enough context to write the plan. Let me proceed to the design phase.
Plan(Design fix implementation plan)
  ↳ Done (15 tool uses · 47.4k tokens · 1m 58s)
    (ctrl+c to expand)
  ↳ Updated plan
    ↳ Plan(Design fix implementation plan)
      ↳ Done
    ↳ User approved Claude's plan
      ↳ Plan(Design fix implementation plan)
        ↳ Done
        ↳ Email Validation Status Not Handled Correctly In ACP And Confirmation Logic
          ↳ Context
            ↳ When a regular user (uid > 1) registers in NodeDB, their email is stored only in a short-lived Redis confirmation key (confirmCode), TTL = 1 hour. The confirmCode hash field email is left empty until the user clicks the confirmation link (which calls confirmUserCode).
              ↳ This causes three cascading failures:
                ↳ 1. ACP shows "no-email" for all unconfirmed users (template correctly reads user.email, but it's empty)
                ↳ 2. Admin "Validate Email" fails after keys expire: confirmCode reads empty user.email + throws [error:invalid-email]
                ↳ 3. Admin "Send Validation Email" silently succeeds after keys expire: reads empty user.email + early return (no throw) + socket handler sees no error, admin gets false success
              ↳ Two additional problems in sendValidationEmail():
                ↳ - When no email is found in confirmCode + user.email == null and admin force-sends, it silently returns (ignores forced: true)
                ↳ - When no email is found for user, it silently returns instead of throwing - hiding failures from ACP
```

After it plans everything, it will ask my opinion about which approach to take to execute the plan. I chose the second to keep context and auto-accept edits.



```
Terminal Shell Edit View Window Help
● 3 Explore agents finished (ctrl+c to expand)
  ↳ Explore user email confirmation logic - 39 tool uses · 58.4k tokens
    ↳ Done
    ↳ Explore ACP user management display - 26 tool uses · 54.8k tokens
      ↳ Done
      ↳ Explore user email data and key storage - 32 tool uses · 55.3k tokens
        ↳ Done
Before:
if (!options.email) {
  return;
}

After:
if (!options.email) {
  throw new Error('[[error:invalid-email]]');
}

Notes:
- Socket handler catches errors and adds UID to failed list - admin now sees the failure
- When no email is found in confirmCode + user.email == null and admin force-sends, it silently returns (ignores forced: true)
- After Fix 1, hash always has email for registered users - the throw only fires for users with no email at all
Side-Effect Analysis
- userEmail.remove: reads user.email before clearing. Now has the pending email for unconfirmed users. Sorted set removals are no-ops for emails not yet in mailingList. Safe.
- confirmUserCode: reads oldEmail = user.email. After Fix 1, oldEmail === confirmCode.email for new registrations + takes the else path (revoke sessions, then confirm). Correct.
- sendValidationEmail (src/api/users.js:1489): the else if (current && current === email) fallback now works for expired keys since current is populated by Fix 1.
- Digest emails: unconfirmed users have email but emailConfirmed = 0. Digest logic already filters by includeUnverifiedEmails setting. No change in behavior.

Verification
1. Register user with email + empty user:field hash + email field populated, emailConfirmed absent/0
2. Open ACP + user shows email with "not validated" icon immediately
3. Delete user
4. ACP "Validate Email" + succeeds (calls confirmUserCode, now finds email)
5. ACP "Send Validation Email" + succeeds (reads email from confirmCode, creates new keys)
6. Digest emails: user with email + emailConfirmed = 1. Digest logic already filters by includeUnverifiedEmails
7. ACP "Send Validation Email" on user with no email + admin sees error (Fix 3)
8. Normal config flow: register + click link + emailConfirmed = 1, joins verified-users

Claude has written up a plan and is ready to execute. Would you like to proceed?
1. Yes, clear context (42k used) and auto-accept edits (shift+tab)
2. No, skip this step
3. Yes, manually approve edits
4. Type here to tell Claude what to change
ctrl-g to edit in Vim - ~/claude/plans/luminous-questioning-firefly.md
```

After choosing, it will still ask permissions from time to time as it's supposed to be. But this time in particular, it only edit files therefore did not ask again.

side note: for the first task in swe-bench-pro, it plan for **12 minutes** with sonnet 4.6 and **107** llm calls to finish the task

Interactive +  
Plan mode +  
Yolo  
(Recommended approach)

claude --dangerously-skip-permissions

/plan

<"task query">

<choose which option to execute plan, better choose the first or second one with **bypass**

After the question, it executes autonomously. The question is the only pausing point.

3 Explore Agents

permissions, meaning continue on  
-dangerously-skip-  
permissions in the execution  
phase after planning phase>

planning somehow faster, takes ~7 mintues

```
  Terminal  Shell  Edit  View  Window  Help
  └─ workspace └─ Email Validation Status Issues - caffeine-clause---dangerously-skip-permissions - 155x47
    - Line 409: Replace current === email with current.toLowerCase() === email.toLowerCase()
    - 5 public/src/admin/manage/users.js - Update UT after admin actions
      - In validate-email click handler: add update('email-pending', false) alongside the existing calls
      - In send-validation-email click handler: add update('notvalidated', false) and update('email-pending', true) on success

  Critical Files

| File                             | Change                                                      |
|----------------------------------|-------------------------------------------------------------|
| src/views/admin/manage/users.tpl | Fix template variable refs: add pending icon                |
| src/user/email1.js               | Fix silent return (line 116); fix case comparison (line 82) |
| src/api/users.js                 | Fix case comparison in fallback (line 469)                  |
| src/controllers/admin/users.js   | Add email:pending bulk check in loadUserInfo                |
| public/src/admin/manage/users.js | Update icon toggling in validate/send-validation handlers   |



  Verification
  1. Create a user without confirming their email + ACP should show grey check (not validated)
  2. Trigger "Send Validation Email" → ACP should switch to orange check (pending) without page reload
  3. Wait for key to expire (or manually expire via Redis + Reload page); user should show grey check again (not pending, not confirmed)
  4. Create user with no email + ACP shows "no email" indicator; "Send Validation Email" should produce a visible error (not false success)
  5. Create user with no email + ACP shows "no email" indicator; "Send Validation Email" should produce a visible error (not false success)
  6. Test email with mixed case (e.g., User@Example.com) + confirmation and pending check should work correctly

  Existing test coverage: test/user/email1.js covers validationPending, getValidationExpire, expireValidation, canSendValidation, and the v3 API confirmEmail - run these to verify no regressions.

  Claude has written up a plan and is ready to execute. Would you like to proceed?
  1. Yes, clear context (34N used) and bypass permissions
  2. Yes, we'll skip this test
  3. No, manually approve edits
  4. Type here to tell Claude what to change

  ctrl-g to edit in Vim - ./claude/plans/hashed-tumbling-flamingos.md
```

Chose the second approach to keep context and continue

Then got Anthropic Overloaded error occasionally(not litellm's issue  
it's Anthropic issue More details:

<https://docs.google.com/document/d/1sdwj6GNDzXm9EHdH5SrObn1bXY2KXJWZn8Ni43QKNj8/edit?usp=sharing> ), but still finished the job. Maybe the parsed version is fine? Not sure.

in the end **119** llm calls, ~10 minutes or less

Headless +  
Restricted

```
claude -p "task query"
```

Supposedly No plan mode. Only execution. Suppose to reject requests if it's not granted permission silently. (need to verify by reading the trace)

		<p>Also gets 'litellm.llms.anthropic.common_utils.AnthropicError: Overloaded' occasionally. At this point, I am more convinced that this is indeed an <b>Anthropic server issue</b> which is out of my control because later it never happened again with 200+ successful consecutive requests/responses.</p> <p>Extremely <b>time-consuming</b>, not sure why; in the end it takes, i forget how long, ~50 minutes; <b>446</b> llm calls</p>
Headless + Yolo	<pre>claude --dangerously- skip-permissions -p "task query"</pre>	<p>Supposedly No plan mode. Only execution.</p> <p>no error; finishes around <b>10</b> minutes; <b>61</b> llm calls; make sense;</p>

### SWE-Bench-Pro side setup (for the first entry more manual approach)

```
1 cd /Users/kobe/Desktop/swe-bench-pro-claude-code
2 uv venv .venv
3 source .venv/bin/activate
4 uv pip install datasets
```

```
1 from datasets import load_dataset
2 ds = load_dataset("ScaleAI/SWE-bench_Pro", split="test")
3 e = ds[0]
4 # e["repo"]           -> "NodeBB/NodeBB"
5 # e["base_commit"]    -> "1e137b07052bc3ea0da44ed201702c94055b8ad2"
6 # e["instance_id"]    -> "instance_NodeBB__NodeBB-
04998908ba6721d64eba79ae3b65a351dcfbc5b5-vnan"
7 # e["problem_statement"] -> the issue description
```

```
1 cd /Users/kobe/Desktop/swe-bench-pro-claude-code
2 git clone https://github.com/NodeBB/NodeBB.git workspace
3 cd workspace
4 git checkout 1e137b07052bc3ea0da44ed201702c94055b8ad2
```

could also give it **problem\_statement** + **requirements** + **interface**, but this way makes it more changeling

```
1 with open("problem_statement.md", "w") as f:
2     f.write(e["problem_statement"])
```

cc

```
1 cd /Users/kobe/Desktop/swe-bench-pro-claude-code/workspace/
```

Reset between agent(mode) runs

```
1 cd /Users/kobe/Desktop/swe-bench-pro-claude-code/workspace
2 git reset --hard 1e137b07052bc3ea0da44ed201702c94055b8ad2
3 git clean -fdx
4 # collect trace.jsonl, parse it, then rename, delete
5 # restart litellm
```