

Ai吟美整合包

开发者: Winlone

B站频道: 程序猿的退休生活

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版本: 1.7

前言:

以下配置需求均以能够达到很好的直播效果基础上提出

配置需求:

显卡型号: nvidia显卡 2080ti以上

显存需求: 建议22G以上, 16G只能部分功能

内存需求: 建议32G以上

系统: window10、11

消耗说明:

1、OBS软件: 2k分辨率直播, GPU资源: 20%~50% GPU占用, 显存: 微量

2、VTube Studio软件: GPU资源: 3%~5%, 显存: 微量

打开以上两个软件后, 系统基础显存已经占用到3G

3、LLM的fastgpt全家桶:

容器内存: 2G~3G

模型显存: 5~15G

4、stable-diffusion-webui绘画: 7G~10G

5、public-NSFW-y-distinguish鉴黄: 200M

6、GPT-SoVITS: 2G

7、Ai-YinMei核心: 0M

功能介绍:

- 支持 fastgpt 知识库聊天对话
- 支持 LLM 大语言模型的一整套解决方案: [fastgpt] + [one-api] + [Xinference]

- 支持对接 bilibili 直播间弹幕回复和进入直播间欢迎语
- 支持微软 edge-tts 语音合成
- 支持 Bert-VITS2 语音合成
- 支持 GPT-SoVITS 语音合成
- 支持表情控制 Vtuber Studio
- 支持绘画 stable-diffusion-webui 输出 OBS 直播间
- 支持绘画图片鉴黄 public-NSFW-y-distinguish
- 支持搜索和搜图服务 duckduckgo（需要魔法上网）
- 支持搜图服务 baidu 搜图（不需要魔法上网）
- 支持 AI 回复聊天框【html 插件】
- ~~支持 AI 唱歌 Auto-Convert-Music~~
- 支持歌单【html 插件】
- 支持跳舞功能
- 支持表情视频播放
- 支持摸摸头动作
- 支持砸礼物动作
- ~~支持唱歌自动启动伴舞功能~~
- 聊天和唱歌自动循环摇摆动作
- 支持多场景切换、背景音乐切换、白天黑夜自动切换场景
- 支持开放性唱歌和绘画，让 AI 自动判断内容

吟美直播间功能说明

- 1、聊天功能：

设定了名字、性格、语气和嘲讽能力的 AI，能够与粉丝互怼，当然录入了老粉丝的信息记录，能够更好地识别老粉丝的行为进行互怼。

- ~~2、唱歌功能：~~

~~输入唱歌+歌曲名称，吟美会根据你输入的歌曲名称进行学习唱歌。当然，你可以输入类似“吟美给我推荐一首最好听的动漫歌曲”这些开放性的话题，让吟美给你智能选择歌曲进行演唱。~~

- 3、绘画功能：

输入画画+图画标题，吟美会根据你输入的绘画提示词进行实时绘画。当然，你可以输入类似“吟美给我画一幅最丑的小龟蛋”这些开放性的话题，让吟美给你智能输出绘画提示词进行画画。

- 4、跳舞功能：

输入跳舞+舞蹈名称，舞蹈如下：

书记舞、科目三、女团舞、社会摇

呱呱舞、马保国、二次元、涩涩

蔡徐坤、江南 style、Chipi、吟美

直接输入“跳舞”两个字是随机跳舞

- 5、表情功能：

输入#号+表情名称, #rnd 是随机表情, 表情自己猜, 例如, “哭、笑、吐舌头”之类

- 6、场景切换功能：

输入切换+场景名称： 粉色房间、神社、海岸花坊、花房、清晨房间, 系统智能判定时间进行早晚场景切换

- 7、换装功能：

输入换装+衣服名称： 便衣、爱的翅膀、青春猫娘、眼镜猫娘

- **智能辅助：**

- 1、歌单列表显示
- 2、Ai 回复文字框显示
- 3、Ai 动作状态提示
- 4、智能识别唱歌和绘画
- 5、说话、唱歌循环随机摇摆动作
- 6、随着心情值增加或者当前的聊天关键字, 智能判断输出日语
- 7、绘画提示词对接 C 站, 丰富绘画内容
- 8、智能判断是否需要唱歌、画画
- 9、根据关键字进行场景切换

软件下载：

N卡驱动：546.17

<https://www.nvidia.cn/download/driverResults.aspx/216468/cn/>

cuda开发包下载：

<https://developer.nvidia.com/cuda-12-3-1-download-archive>

OBS直播软件：

<https://obsproject.com/>

检查CUDA版本的对应：

驱动版本【nvidia驱动程序】：nvidia-smi -l 1

CUDA程序【cudatoolkit开发包】：nvcc -V

```
Mon Apr 15 08:37:11 2024
+-----+
| NVIDIA-SMI 546.33                Driver Version: 546.33      CUDA Version: 12.3      |
+-----+
| GPU   Name                TCC/WDDM | Bus-Id      Disp.A | Volatile Uncorr. ECC |
| Fan  Temp  Perf           Pwr:Usage/Cap |      Memory-Usage | GPU-Util  Compute M. |
|=====+=====+=====+=====+=====+=====+=====+=====+
|  0    NVIDIA GeForce RTX 2080 Ti  WDDM | 00000000:01:00:0  On  |          N/A         |
| 28%   37C   P5              34W / 257W | 4414MiB / 22528MiB |    26%    Default   |
|                                           |                      | N/A              |
+-----+
+-----+
| Processes: |
| GPU   GI    CI          PID    Type    Process name                        GPU Memory |
|=====+=====+=====+=====+=====+=====+=====+=====+
|  0    N/A   N/A         3556    C+G    ..._8wekyb3d8bbwe\WindowsTerminal.exe  N/A       |
|  0    N/A   N/A         6468    C+G    C:\Windows\explorer.exe              N/A       |
|  0    N/A   N/A         7796    C+G    ...m Files\Mozilla Firefox\firefox.exe N/A       |
|  0    N/A   N/A        10196    C+G    ...GeForce Experience\NVIDIA Share.exe N/A       |
|  0    N/A   N/A        10344    C+G    ...nt.CBS_cw5n1h2txyewy\SearchHost.exe N/A       |
|  0    N/A   N/A        10368    C+G    ...2txyewy\StartMenuExperienceHost.exe N/A       |
|  0    N/A   N/A        12032    C+G    ...5n1h2txyewy\ShellExperienceHost.exe N/A       |
|  0    N/A   N/A        13324    C+G    ...ekyb3d8bbwe\PhoneExperienceHost.exe N/A       |
|  0    N/A   N/A        14120    C+G    ...m Files\Mozilla Firefox\firefox.exe N/A       |
|  0    N/A   N/A        14748    C+G    ...CBS_cw5n1h2txyewy\TextInputHost.exe N/A       |
|  0    N/A   N/A        15176    C+G    ... Files\ynote-desktop\有道云笔记.exe N/A       |
|  0    N/A   N/A        15240    C+G    ...cef\cef.win7x64\steamwebhelper.exe  N/A       |
|  0    N/A   N/A        15592    C+G    C:\Program Files\Tencent\QQNT\QQ.exe   N/A       |
|  0    N/A   N/A        15704    C+G    ...ware\obs-studio\bin\64bit\obs64.exe  N/A       |
|  0    N/A   N/A        16052    C+G    C:\Windows\System32\Taskmgr.exe        N/A       |
|  0    N/A   N/A        16544    C+G    ...9\extracted\runtime\WeChatAppEx.exe  N/A       |
|  0    N/A   N/A        16896    C+G    ...on\114.0.1823.43\msedgewebview2.exe N/A       |
|  0    N/A   N/A        19040    C+G    ...siveControlPanel\SystemSettings.exe  N/A       |
|  0    N/A   N/A        19156    C+G    ...-plugins\64bit\obs-browser-page.exe  N/A       |
|  0    N/A   N/A        19808    C+G    C:\Windows\explorer.exe                N/A       |
|  0    N/A   N/A        20192    C+G    ...ark-cloud-drive\QuarkCloudDrive.exe   N/A       |
|  0    N/A   N/A        21964    C+G    ...ommon\VTube Studio\VTube Studio.exe  N/A       |
+-----+
C:\Users\Administrator>nvcc -V
nvcc: NVIDIA (R) Cuda compiler driver
Copyright (c) 2005-2023 NVIDIA Corporation
Built on Fri_Nov__3_17:51:05_Pacific_Daylight_Time_2023
Cuda compilation tools, release 12.3, V12.3.103
Build cuda_12.3.r12.3/compiler.33492891_0
```

一、整合包下载

百度网盘: <https://pan.baidu.com/s/1wB1aNTpN5X2WSPCq3GADJw?pwd=1kz2>

提取码: 1kz2

夸克: <https://pan.quark.cn/s/ade5c2d30ae7>

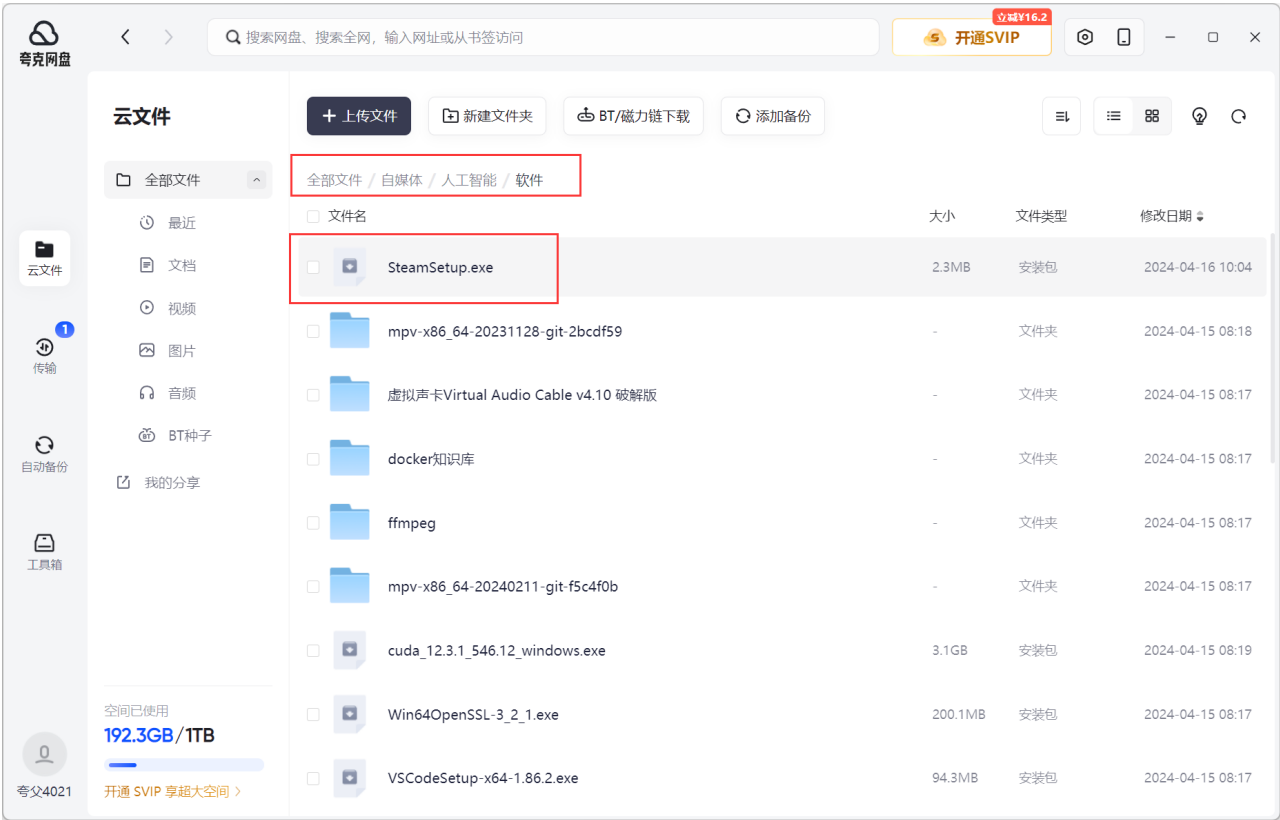
提取码: ci9B

路径: 自媒体 -> 人工智能 -> Ai吟美整合包

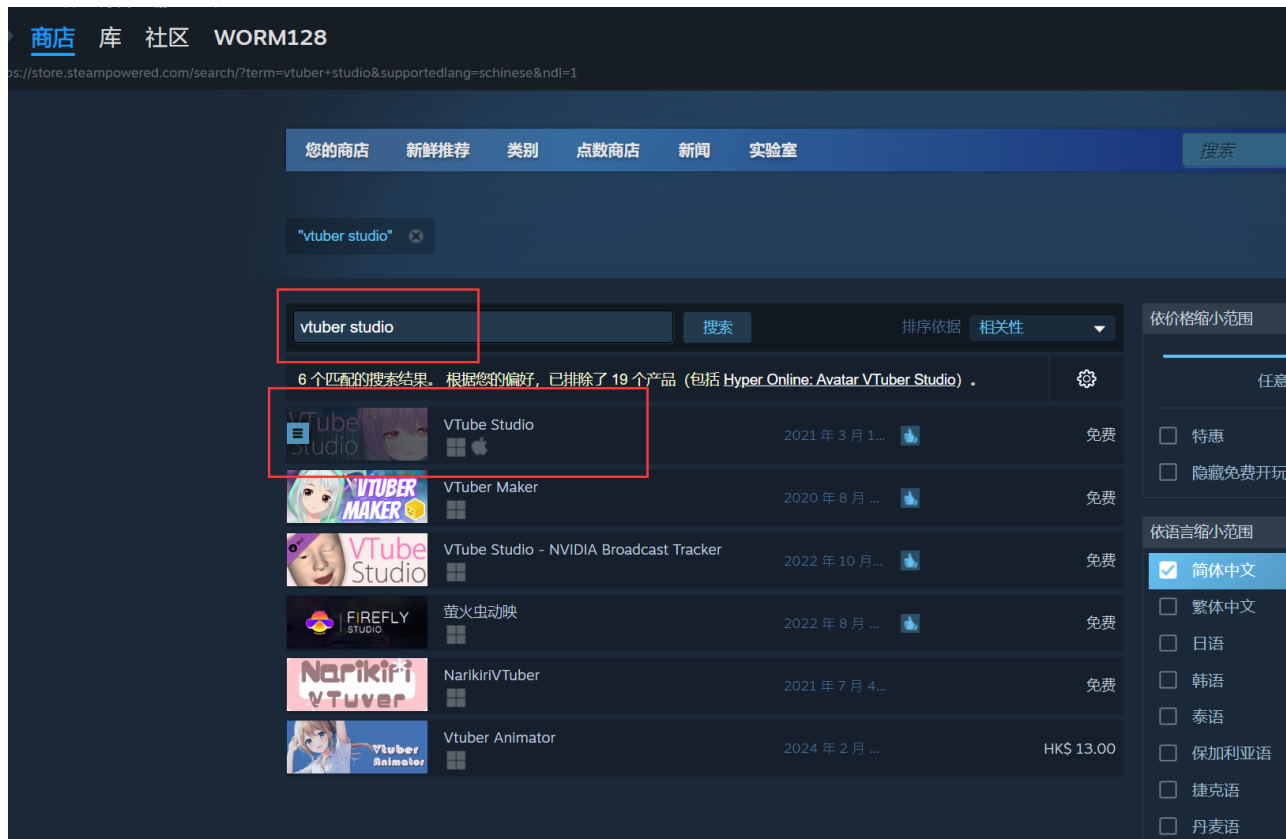
全部文件 / 自媒体 / 人工智能 / Ai吟美整合包

☐ 文件名	大小	文件类型	修改日期
☐  stable-diffusion-webui.zip 绘图	9GB	压缩文件	2024-04-15 00:26
☐  GPT-SoVITS.zip 语音合成	6.1GB	压缩文件	2024-04-15 00:12
☐  public-NSFW-y-distinguish.zip 鉴黄	179MB	压缩文件	2024-04-14 22:36
☐  ai-yinmei.zip 吟美核心	105.7MB	压缩文件	2024-04-14 22:35

steam:



在steam搜索vtuber studio，安装vtuber studio



二、参数配置

1、打开bilibili-live-api.py文件

- 你的Ai名称：

一些提示信息会用到

Ai_Name="吟美"

- http请求代理配置：

在指令画画的时候会抽取C站扩展词，用到代理访问

```
proxies = {"http": "socks5://127.0.0.1:10806", "https": "socks5://127.0.0.1:10806"}
```

- duckduckgo服务代理配置：在调用日语翻译会用到

```
duckduckgo_proxies="socks5://127.0.0.1:10806"
```

- 本地llm模型：

以使用fastgpt为例

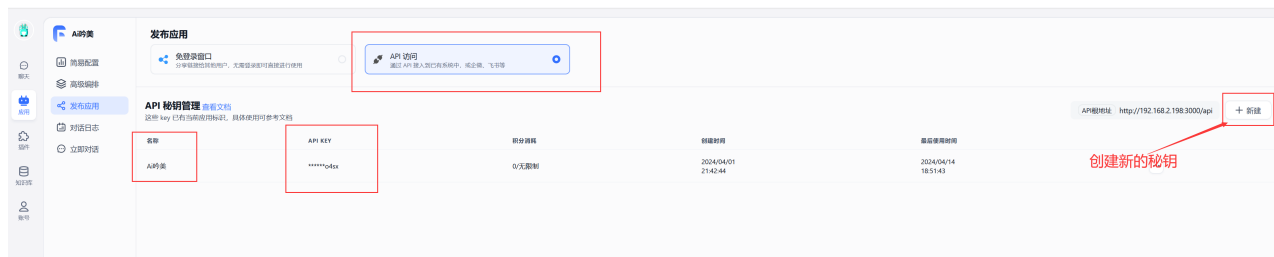
【fastgpt的docker容器暴露ip】

fastgpt的ip

```
fastgpt_url = "192.168.2.198:3000"
```

fastgpt的密钥

fastgpt_authorization="Bearer fastgpt-5StPybD20P3Ymg2EDZpXe4nCjiP070TINQDRJTgBBWQhMLxDUck6W6Oeio4sx"



- 绘画参数配置：

【整合包里面的stable-diffusion-webui】

1、绘画服务的ip

```
1 drawUrl = "192.168.2.58:7860"
```

2、绘图宽和高【对应你OBS直播的图片控件宽高】

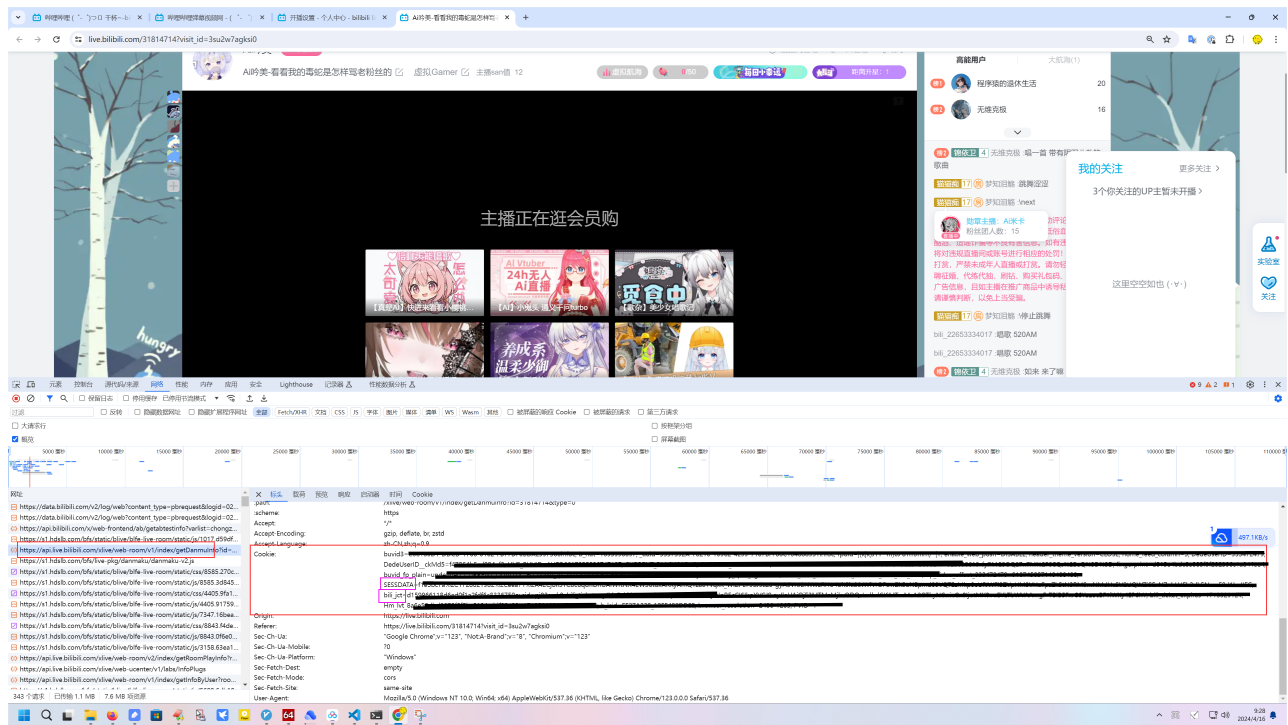
```
1 width = 980 # 图片宽度
2 height = 500 # 图片高度
```

3、绘画保存图片物理路径

```
1 physical_save_folder="J:\\ai\\ai-yinmei\\porn\\"
```

4、B站直播间参数配置：

```
1 cred = Credential(
2     sessdata="",
3     buvid3=""
4 )
```



5、Vtuber表情：

要控制vst软件的表情，必须要开启API服务



vtuber studio软件的api插件的ip

```
1 vst_websocket="127.0.0.1:8001"
```

vtuber studio软件的api插件密钥

```
1 vtuber_pluginName="winlonebot"
2 vtuber_pluginDeveloper="winlone"
3 vtuber_authenticationToken="4ae2f64ec9d1fe7bddc1b2edfb96292b28ab8b83554b50270a7fe83b3b3b8d05"
```

密钥的获取:

使用postman调用API接口注册

[illegible]

06936K0/oCfzXn8z+rZ/1a7FauHKMkBIfUdi7vL545sYmN9pD92T/9HvuvdR/Z3TbLmmLX/o6f6zvzv7DfevPNT
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9J+p5LtnQcEvFj9Mvq/oyeeZqnRJ950823vlnVheQAYw8g4XdtWgkT28HX9g5laTUnDK+n8TmaHwy08+Icv4ovb
NP8Az08lXkKyHUo7ZyN4risbg+Br8P8AwLZ0ENfikLunrsfamnmL4uH+sJf8d+Tf+rzaF8jV/rln5vF/Oi2/n8H
8+Pzd/jzyZ/1erT/kauP5vF/Oij8/g/nx+aD1nzx5SfR75IdXtXla3lEaLKpZmKGgAr1JyGXVYzE1KPJhm12Ew1
U4/Serwnyn5gufL+tWupxVIiPG4iH7cTbOv3br/lZzemznHMS+bxuj1Jw5BMf539V9L22oWdxYR38UqtaSRiZZq
/DwI5ciflnWxmCL6PfRyCUeIfS1484+Uz01izP/AD3j/r1f5jH/ADg0/nMP8+P+mWXHnbylBC00mr2nBRU8ZVc/
QqksfowS1WMD6gstbhiLMo/N4R5780DzJ5h1vowyWkaiC0Rtm9NSTyI7F2JbOa1uo8Wd9B9Lxna0s8fLxD6fpix
3MVwXo/5S+TWvLseYL2P/AES1J+oow/vJh+3/AKsfb/L/ANXNv2ZpOI+IeQ+l3/Yug4peLLlH6HsOb96t/9T07i
qlD2lrewstpdRrNbTqUlibcMp6jIyiJCjyYzgJAxKLBeC+efIt55bvDJGGM0mZv9Huf5Sf91yeDDsf285nWaKWI
2PoeK7R70lg1Y3xn8epi2YLrG8VaxQ7FXYPdir038tPNldA1Xy5dvUpa3E2nk/y+mxkj+j7a/7PNzoNTcJYz3Hh
eh7K1l4pYpfzZcH/ABLzFAOC7dhmmp50Bug8MaWnYpZZ5D8iXXmS7E84aHR4W/fz9DIR/uuP3/mb9j/WzP0WiOU
2fodp2b2dLPKztjH+ye8W1tBa28dvbxFBCoSKNRQKq7AD0mJEAUOT2kICIocgqYWT//V904q7FVK7tLW7tpLW6
iWe3mHGwJxVWB8RkZREhR5MJwjIVIWHkHnH8pr6xM17oIa7st2az6zxj/J/wB+r/w/+tmh1fZhj6obx/mvLa/sW
ULl9Uf5n8Tzx1ZWksCrKaMpFCD4EHNSdnQkVzaxV2KuxV2KqkM0sEqywuUkWvF12IqKH7wcIJG4TGRibCngQ2i
u7qiKwdJRUEkk9gB1xG+wUCzQejeTvylVlto73zAGtbTZ1suk0g/wAun92vt9v/AfC2+k7MMvV5fzXf6HsWUv
Vl9Mf5n8T122tra1gjt7aNYbeJQsUSDiqgdgBm+jERFB6mMBEUBQCphZOxV//1vTuKuxV2Kt4qkPmHyR5c16r31
sFuSKC7h/dy/SRs/8Asw2YufR48nMbuFqez8Wb6hv/ADnnmsfkrq8JZ9JvIryPtFN+6k+/dD/wuarL2TIIfSeJ00
fsCY3geL+sx0+8kebbIkT6TcUH7caeV3x8swZ6PLHnEusn2dnjzhJKpLG+jNJLaZCOaANx+sZSYSHMfxpY5DmC
60xvpDS02mc+Cxuf1DAISPIlHHI8gU2sfI3m++I9DSbgKf25V9JfV45fDR5ZcouTj70zz5QP+5ZZpH5K6pKVfV
r201j7xQfvZP+CPFB/wANmfi7IkfqN00wdgT085cP9V6H5e8leXdaAAwtQbmlGu5fjmPyY/Z/2HHNrg0uPF9I3d
9ptBiw/SN/538SeZkuY7FXyq7FX//Z"

10 }

11 }

其中pluginIcon是插件base64的图标，如果需要自定义，请到网站生成128x128大小的icon

<https://tool.chinaz.com/tools/imgtobase>



- 鉴黄服务：

【整合包里面的public-NSFW-y-distinguish】

鉴黄服务ip：

```
1 nsfw_server="192.168.2.198:1801"
```

- 语音合成：

【整合包里面的gpt-SoVITS】

语音合成ip:

```
1 gtp_vists_url="192.168.2.58:9880"
```

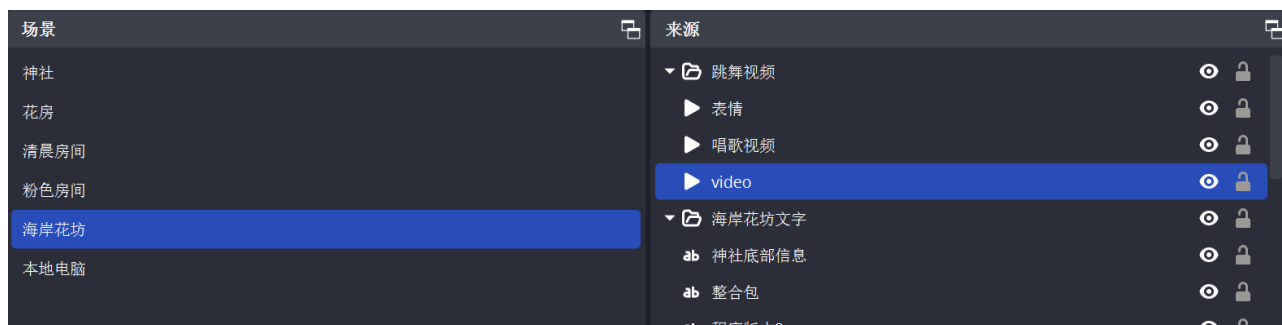
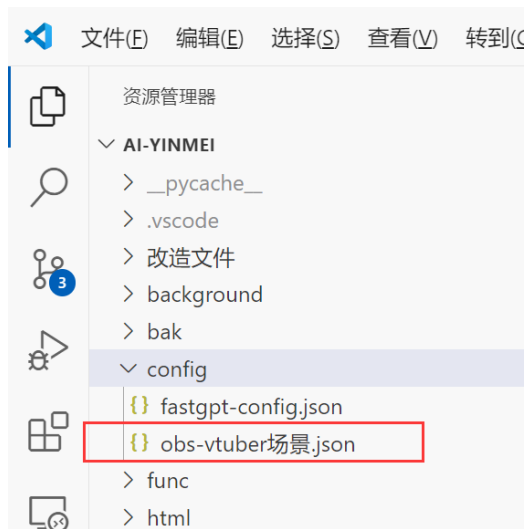
- 跳舞和表情功能:

```
1 OBS软件的websocket服务【用于跳舞、表情播放、场景切换、背景音乐播放等】
2 obs = ObsWebSocket(host="192.168.2.198",port=4455,password="123456")
3
4 跳舞视频抽取路径【支持子文件夹】
5 dance_path = 'H:\\人工智能\\ai\\跳舞视频\\横屏'
6
7 表情视频抽取路径【支持子文件夹】
8 emote_path = 'H:\\人工智能\\ai\\跳舞视频\\表情'
```

- 场景切换:

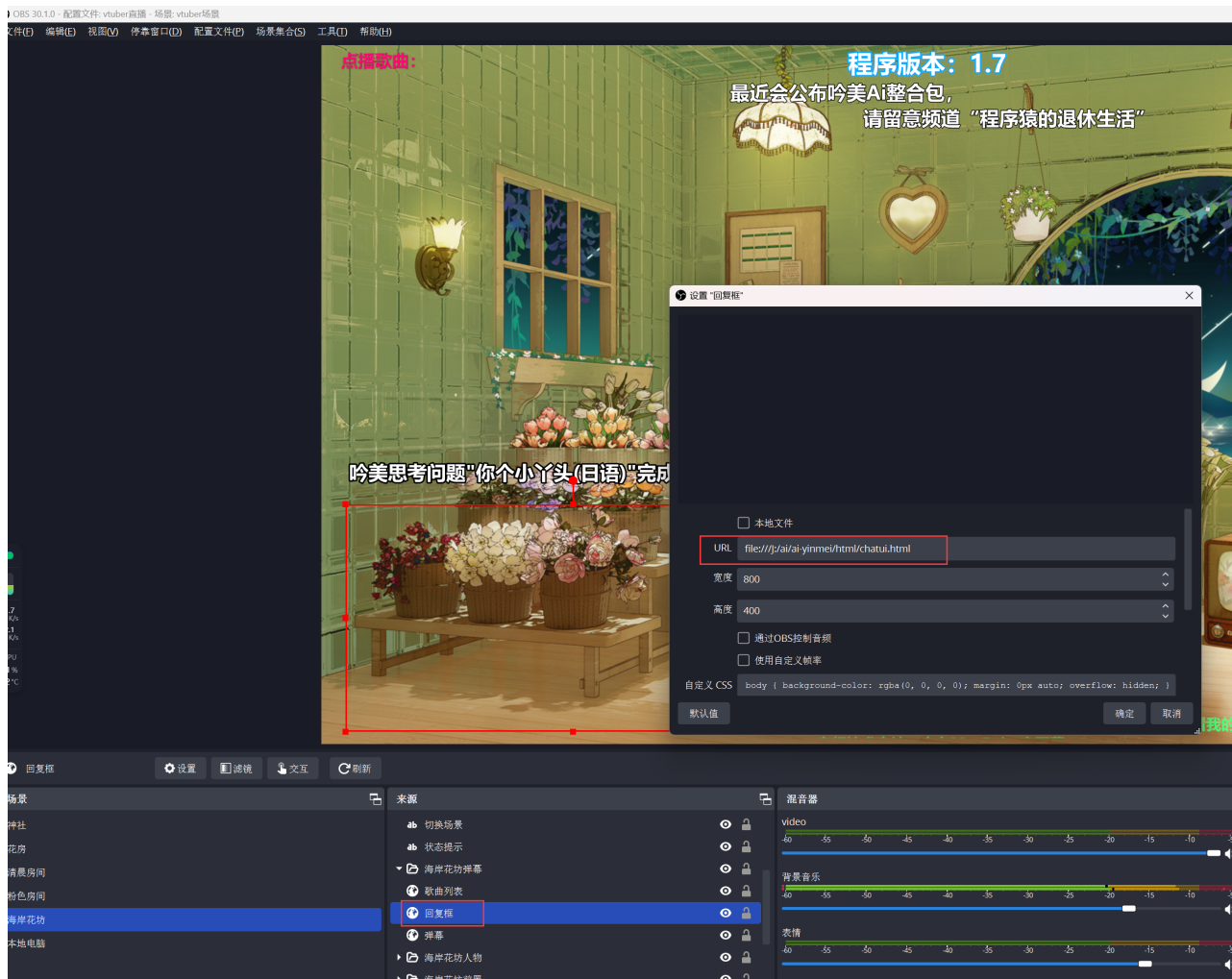
```
1 场景背景音乐
2 song_background={"海岸花坊":"J:\\ai\\背景音乐\\海岸花坊.rm",
3                  "神社":"J:\\ai\\背景音乐\\神社.mp3",
4                  "清晨房间":"J:\\ai\\背景音乐\\清晨房间.mp3",
5                  "粉色房间":"J:\\ai\\背景音乐\\粉色房间.rm",
6                  "花房":"J:\\ai\\背景音乐\\花房.mp3"}
```

- OBS配置导入:



Ai回复框

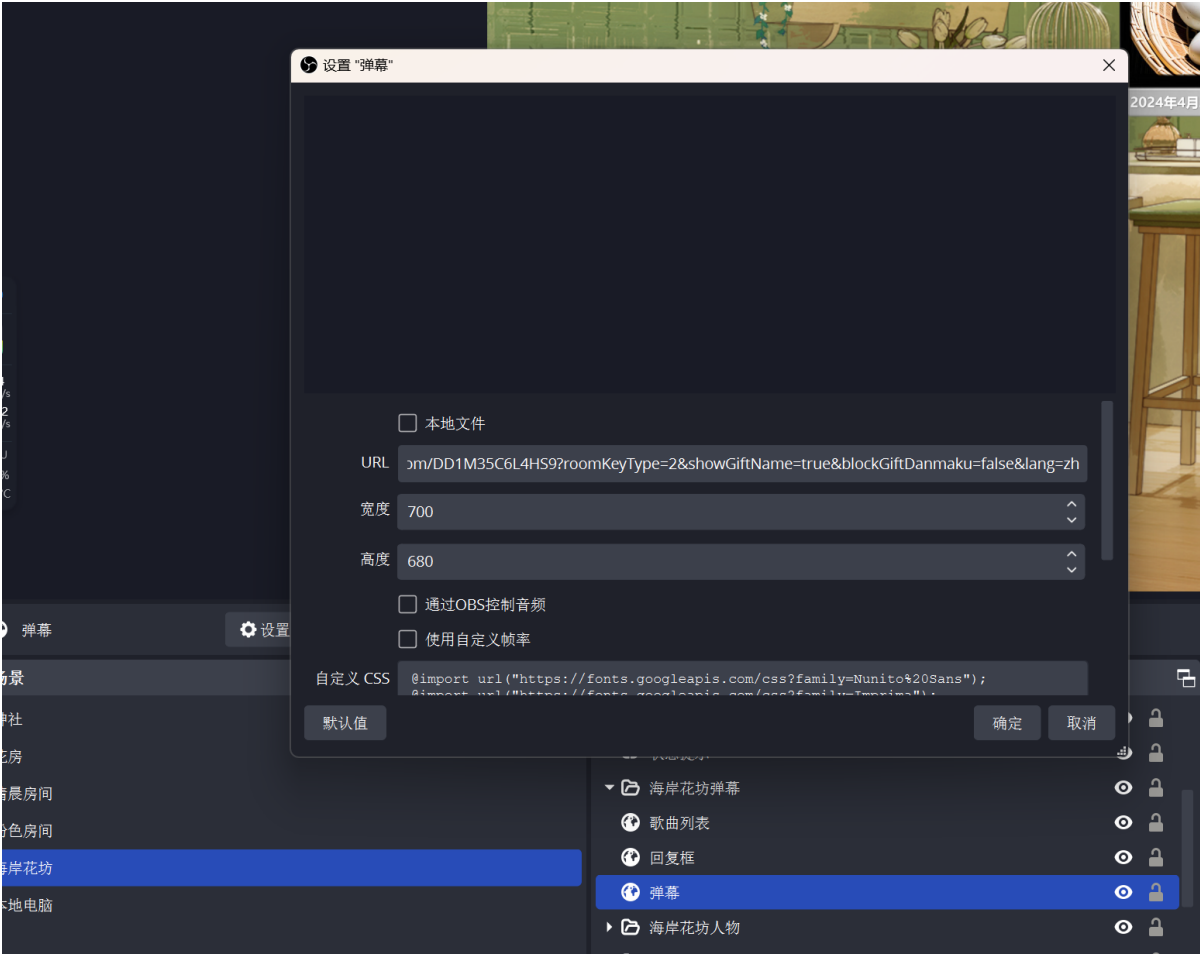
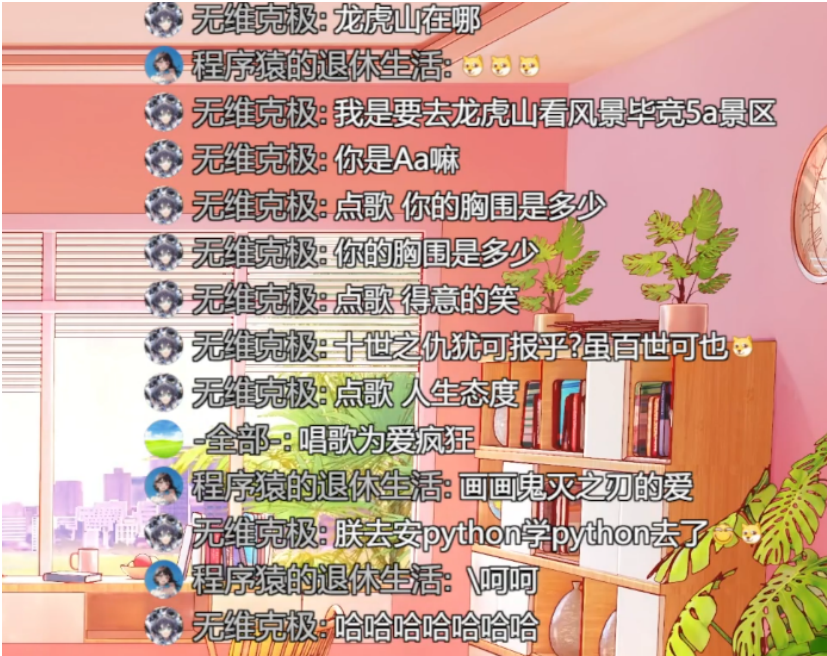
加入在项目html文件夹的chatui.html回复文字插件



弹幕处理

<https://chat.bilisc.com/>

在上述网址进行用户弹幕样式调整



三、运行

1、鉴黄：public-NSFW-y-distinguish

双击“start.bat”，启动程序【runtime文件夹是类库】

```
C:\Windows\system32\cmd.exe x + v

* Serving Flask app 'nsfw_web' (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: off
* Running on all addresses.
  WARNING: This is a development server. Do not use it in a production deployment.
* Running on http://192.168.2.198:1801/ (Press CTRL+C to quit)
```

2、语音合成：GPT-SoVITS

第一步，双击“go-webui.bat”，让他先编译一下项目

```
H:\ai\吟美整合包\GPT-SoVITS>runtime\python.exe webui.py
Running on local URL:  http://0.0.0.0:9874
```

并且有界面启动，不用理会，关闭dos命令窗口

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中文教程文档: <https://www.yuque.com/baicaigongchang1145haoyuangong/lb3g1e>

0-前置数据集获取工具

1-GPT-SoVITS-TTS

2-GPT-SoVITS-变声

0a-UVR5人声伴奏分离&去混响去延迟工具

☐ 是否开启UVR5-WebUI

UVR5进程输出信息

0b-语音切分工具

音频自动切分输入路径, 可文件可文件夹

切分后的子音频的输出根目录

threshold:音量小于这个值视作静音的备选切割点

min_length:每段最小多长, 如果第一段太短一直和后面段连起来直到超过这个值

max: 归一化后最大值多少

alpha_mix: 混多少比例归一化后音频进来

min_interval:最短切割间隔

hop_size:怎么算音量曲线, 越小精度越大计算量越高 (不是精度越大效果越好)

max_sil_kept:切完后静音最多留多长

output/slicer_opt

-34

4000

300

10

500

0bb-语音降噪工具

开启语音切割

切割使用的进程数

语音切割进程输出信息

第二步，编辑api.bat文件，修改你的ip地址

```
start.bat 安装.bat 安装.bat api.bat api.bat launch.bat 安装.bat api.bat x + - □

文件 编辑 查看

chcp 65001
runtime\python.exe api.py -s "SoVITS weights\珊瑚宫心海 e15 s915.pth" -g "GPT_weights\珊瑚宫心海-e10.ckpt" -dr "音频参考\珊瑚宫心海\牌局的形势千变万化, 想要获胜的话...有时候也必须兵行险着。.wav" -dt "牌局的形势千变万化, 获胜的话...有时候也必须兵行险着。" -cp ",, , ! ? " -dl "auto" -d cuda -s "192.168.2.198" -p 9880 -fp
pause
```

第三步，双击“api.bat”，启动api接口，出现图中所示为成功启动

```
C:\Windows\system32\cmd.exe
raise RuntimeError(f"FFmpeg{version} extension is not available.")
RuntimeError: FFmpeg extension is not available.
INFO: 默认参考音频路径: 音频参考\珊瑚宫心海\牌局的形势千变万化, 想要获胜的话...有时候也必须兵行险着。.wav
INFO: 默认参考音频文本: 牌局的形势千变万化, 想要获胜的话...有时候也必须兵行险着。
INFO: 默认参考音频语种: auto
INFO: 半精: False
INFO: 编码格式: wav
H:\ai\吟美整合包\GPT-SoVITS\runtime\lib\site-packages\torch\utils\_pytree.py:309: UserWarning: torch.utils._pytree._register_pytree_node is deprecated. Please use torch.utils._pytree.register_pytree_node instead.
  _torch_pytree._register_pytree_node(
Some weights of the model checkpoint at GPT-SoVITS/pretrained_models/chinese-hubert-base were not used when initializing HubertModel: ['encoder.pos_conv_embed.conv.weight_g', 'encoder.pos_conv_embed.conv.weight_v']
- This IS expected if you are initializing HubertModel from the checkpoint of a model trained on another task or with an other architecture (e.g. initializing a BertForSequenceClassification model from a BertForPreTraining model).
- This IS NOT expected if you are initializing HubertModel from the checkpoint of a model that you expect to be exactly identical (initializing a BertForSequenceClassification model from a BertForSequenceClassification model).
Some weights of HubertModel were not initialized from the model checkpoint at GPT-SoVITS/pretrained_models/chinese-hubert-base and are newly initialized: ['encoder.pos_conv_embed.conv.parametrizations.weight.original0', 'encoder.pos_conv_embed.conv.parametrizations.weight.original1']
You should probably TRAIN this model on a down-stream task to be able to use it for predictions and inference.
H:\ai\吟美整合包\GPT-SoVITS\runtime\lib\site-packages\torch\nn\utils\weight_norm.py:28: UserWarning: torch.nn.utils.weight_norm is deprecated in favor of torch.nn.utils.parametrizations.weight_norm.
  warnings.warn("torch.nn.utils.weight_norm is deprecated in favor of torch.nn.utils.parametrizations.weight_norm.")
INFO: Number of parameter: 77.49M
DEBUG:root:Using proactor: IoCPProactor
INFO: Started server process [40408]
INFO: Waiting for application startup.
INFO: Application startup complete.
INFO: Uvicorn running on http://192.168.2.198:9880 (Press CTRL+C to quit)
```

可以使用postman调用接口看看语音接口是否成功

```
1 http://192.168.2.198:9880?text=你好, 小龟蛋&text_language=auto
```

3、绘画: stable-diffusion-webui

双击“start.bat”，启动程序【runtime文件夹是类库】

```
C:\Windows\system32\cmd.exe
venv ".\runtime\Scripts\Python.exe"
Python 3.10.11 (tags/v3.10.11:7d4cc5a, Apr 5 2023, 00:38:17) [MSC v.1929 64 bit (AMD64)]
Version: v1.7.0
Commit hash: cf2772fab0af5573da775e7437e6acdca424f26e
Launching Web UI with arguments: --api --listen --no-gradio-queue --ckpt ./models/Stable-diffusion/realvisxlV30Turbo_v30TurboBakedvae.safetensors
no module 'xformers'. Processing without...
no module 'xformers'. Processing without...
No module 'xformers'. Proceeding without it.
Loading weights [cfab6aec06] from D:\ai\stable-diffusion-webui\models\Stable-diffusion\realvisxlV30Turbo_v30TurboBakedvae.safetensors
Running on local URL: http://0.0.0.0:7860
Creating model from config: D:\ai\stable-diffusion-webui\repositories\generative-models\configs\inference\sd_xl_base.yaml
Applying attention optimization: Doggettx... done.

To create a public link, set `share=True` in `launch()`.
Startup time: 14.3s (prepare environment: 2.4s, import torch: 3.8s, import gradio: 0.7s, setup paths: 1.1s, initialize shared: 0.2s, other imports: 0.5s, setup codeformer: 0.2s, load scripts: 0.4s, create ui: 0.5s, gradio launch: 4.2s).
Model loaded in 5.0s (load weights from disk: 1.2s, create model: 0.5s, apply weights to model: 2.7s, load textual inversion embeddings: 0.3s, calculate empty prompt: 0.2s).
```

4、吟美核心: ai-yinmei

双击“start.bat”，启动程序【runtime文件夹是类库】

启动后的选择:

1.接口对接 (1.b站直播间 2.api web) : 填写1

2.本地LLM模型类型(1.fastgpt 2.text-generation-webui): **填写1**

3.输入你的B站直播间编号: **写入你的直播间号**

```
C:\Windows\system32\cmd.exe
H:\ai\yinmei-all\ai-yinmei>.\runtime\python.exe bilibili-live-api.py
=====
开始启动人工智能吟美!
组成功能: LLM大语言模型+bilibili直播对接+TTS微软语音合成+MPV语音播放+VTube Studio人物模型+pynput表情控制+stable-diffusion-webui绘画
源码地址: https://github.com/worml28/ai-yinmei
开发者: Winlone
QQ群: 27831318
=====
1.b站直播间 2.api web:
本地LLM模型类型(1.fastgpt 2.text-generation-webui):
输入你的B站直播间编号: 1
2024-04-16 09:05:43,316 INFO bilibili-live-api.py root -----
2024-04-16 09:05:43,320 INFO bilibili-live-api.py root AI虚拟主播-启动成功!
2024-04-16 09:05:43,321 INFO bilibili-live-api.py root -----
2024-04-16 09:05:43,326 INFO core.py obswebsocket.core Connecting to ws://192.168.2.198:4455...
```