```
產出TETA Al Agent初版 (MAA-17)
[MAA-8] 開發Line webhook api Created: 29/Jul/25 Updated: 01/Aug/25 Resolved: 30/Jul/25
                                          Done
Status:
Project:
                                          MyAlAgent
Components:
                                          None
Affects versions:
                                          None
Fix versions:
                                          None
                                          產出TETA AI Agent初版
Parent:
Type:
                                          Task
                                                                                                           Priority:
                                                                                                                                                      Medium
                                                                                                           Assignee:
                                                                                                                                                      Tony Yang
Reporter:
                                          Tony Yang
Resolution:
                                          Done
                                                                                                           Votes:
Labels:
                                          None
Remaining Estimate:
                                          Not Specified
                                          Not Specified
Time Spent:
Original estimate:
                                          Not Specified
                                          ■ 截圖 2025-07-30 15.40.06.png ■ 截圖 2025-07-30 15.44.34.png
Attachments:
Rank:
                                          0|i00008:
 1. 新增integrations/line目錄,處理Line message相關工作

√ TETA_AGENT

       {} conversation_history.json
       > 🕫 .pytest_cache
       > 🖷 .venv
       > i agents
        > 🖷 config
        > deployment
        > mathematical docs
        > 📹 evaluation
          integrations
         > 🗾 __pycache__
         🗸 📹 line
          > 🗾 __pycache__
            init__.py
            line_client.py
            line_service.py
            message_converter.py
            e models.py
            webhook_handler.py
           👘 __init__.py
        > 📹 logs
       > memory
       > 🔣 models
 2. 在_main_.py新增Line webhook api route,將webhook api整合進agent
      🥏 _main_.py ×
                                                                                                  D ~ •
      agents > teta_agent > 🛑 __main__.py > 😭 main
             def main(host: str, port: int, memory: bool, log_level: str, log_color: bool):
                 # 定義 Line webhook 路由
                 async def line_webhook_endpoint(request):
                     if line_service:
                          return await line_service.handle_webhook(request)
                     else:
                          return JSONResponse(
                              status_code=503,
                              content={"error": "Line integration not configured"}
                 # 定義健康檢查路由
                 async def health_check(request):
                     _ = request # 避免未使用變數警告
                      return JSONResponse({"status": "healthy", "service": "teta-agent"})
                 # 建立路由
                 routes = [
                     Route("/health", health_check, methods=["GET"]),
                 # 如果 Line 服務可用,添加 webhook 路由(必須在 A2A 路由之前)
                 if line_service:
                      routes.append(Route("/line/webhook", line_webhook_endpoint, methods=["POST"]))
                      logger.info("▼ LINE webhook 路由已添加: /line/webhook")
                 # A2A 路由放在最後,使用根路由
                 routes.append(Mount("/", a2a_server.build()))
Comments
Comment by Tony Yang [ 29/Jul/25 ]
使用Cloudflare tunnel綁定webhook api
使用 *Cloudflare Tunnel* 將電腦的本地服務公開為穩定的 webhook API!
 1. 1. ( *推薦方案:Cloudflare Tunnel*
 1. 1. 1. 🗸 *優勢:*
 完全免費
• 不需要公網 IP 或路由器設定
• 自動 HTTPS 加密
• 支援自訂網域
• 高可用性和穩定性
 1. 1. 1. 🚀 *快速設定步驟:*
 1. *安裝 cloudflared*:
brew install cloudflare/cloudflare/cloudflared
 1. *建立 tunnel*:
cloudflared tunnel login
cloudflared tunnel create teta-agent
cloudflared tunnel route dns teta-agent api.your-domain.com
 1. *設定檔*:
``yaml
 1. ~/.cloudflared/config.yml
    tunnel: teta-agent
    ingress:
hostname: api.your-domain.com
service: http://localhost:8000
service: http_status:404
 1. *啟動*:
``bash
cloudflared tunnel run teta-agent
 1. 1. 1. 💣 *結果:*
• 您的 TETA Agent 將可通過 `https://api.your-domain.com` 訪問

    LINE webhook URL: `https://api.your-domain.com/line/webhook`
```

• 完全繞過 NAT 和防火牆限制

這樣您就能保持現有的完整功能,同時提供穩定的公網 API!

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