

Python ပုဂ္ဂနည် ပြု အောက်ဖော်လေ့လာမည့်

ပုဂ္ဂနည်

မြတ် ပုဂ္ဂနည် ပြု အ အောက်ဖော်လေ့လာမည့် အောက်ဖော်လေ့လာမည့်

ပုဂ္ဂနည် ပြု အောက်ဖော်လေ့လာမည့် `translate_markdown_file` ပုဂ္ဂနည်, မြတ် ပုဂ္ဂနည် ပြု `translate_front_matter` ပုဂ္ဂနည်, မြတ် ပုဂ္ဂနည် ပြု အောက်ဖော်လေ့လာမည့် ပုဂ္ဂနည် ပြု အောက်ဖော်လေ့လာမည် (မြတ် ပုဂ္ဂနည် ပြု အောက်ဖော်လေ့လာမည့် ပုဂ္ဂနည်) ပုဂ္ဂနည် ပြု အောက်ဖော်လေ့လာမည့် ပုဂ္ဂနည် ပြု အောက်ဖော်လေ့လာမည့် ပုဂ္ဂနည် ပြု အောက်ဖော်လေ့လာမည့် ပုဂ္ဂနည်, မြတ် ပုဂ္ဂနည် ပြု အောက်ဖော်လေ့လာမည့် ပုဂ္ဂနည်.

မြတ် ပုဂ္ဂနည်, မြတ် ပုဂ္ဂနည် ပြု အောက်ဖော်လေ့လာမည့် ပုဂ္ဂနည် ပြု အောက်ဖော်လေ့လာမည့် ပုဂ္ဂနည် ပြု အောက်ဖော်လေ့လာမည့် ပုဂ္ဂနည်, မြတ် ပုဂ္ဂနည်, မြတ် ပုဂ္ဂနည် ပြု အောက်ဖော်လေ့လာမည့် ပုဂ္ဂနည်, မြတ် ပုဂ္ဂနည် ပြု အောက်ဖော်လေ့လာမည့် ပုဂ္ဂနည်-ပုဂ္ဂနည်. မြတ် ပုဂ္ဂနည် ပြု အောက်ဖော်လေ့လာမည့် ပုဂ္ဂနည်.

ပုဂ္ဂနည်

```
with concurrent.futures.ThreadPoolExecutor(max_workers=MAX_THREADS) as executor:
    futures = []
    for filename in changed_files:
        input_file = filename

        for lang in languages:

            print(f"Submitting translation job for {filename} to {lang}...")
            future = executor.submit(translate_markdown_file, input_file, os.path.join(f"_posts/{lang}"),
                                      futures.append(future))

    for future in concurrent.futures.as_completed(futures):
        try:
            future.result()
        except Exception as e:
            print(f"A thread failed: {e}")
```

ပုဂ္ဂနည်

```
def translate_front_matter(front_matter, target_language, input_file):
    print(f"  Translating front matter for: {input_file}")
```

```

if not front_matter:
    print(f"  No front matter found for: {input_file}")
    return ""

try:
    front_matter_dict = {}
    if front_matter:
        front_matter_dict = yaml.safe_load(front_matter)
        print(f"  Front matter after safe_load: {front_matter_dict}")

    if 'title' in front_matter_dict:
        print(f"  Translating title: {front_matter_dict['title']}")

        if not (input_file == 'original/2025-01-11-resume-en.md' and target_language in ['zh', 'fr']):
            if isinstance(front_matter_dict['title'], str):
                translated_title = translate_text(front_matter_dict['title'], target_language)

                if translated_title:
                    translated_title = translated_title.strip()
                    if len(translated_title) > 300:
                        translated_title = translated_title.split('\n')[0]
                    front_matter_dict['title'] = translated_title
                    print(f"  Translated title to: {translated_title}")

                else:
                    print(f"  Title translation failed for: {input_file}")

            else:
                print(f"  Title is not a string, skipping translation for: {input_file}")

        else:
            print(f"  Skipping title translation for {input_file} to {target_language}")

    # Always set lang to target_language

    # Determine if the file is a translation
    original_lang = 'en' # Default to english
    if 'lang' in front_matter_dict:
        original_lang = front_matter_dict['lang']

    if target_language != original_lang:
        front_matter_dict['lang'] = target_language
        front_matter_dict['translated'] = True
        print(f"  Marked as translated to {target_language} for: {input_file}")

    else:
        front_matter_dict['translated'] = False
        print(f"  Not marked as translated for: {input_file}")

```

```

result = """\n" + yaml.dump(front_matter_dict, allow_unicode=True) + """
print(f"  Front matter translation complete for: {input_file}")

return result

except yaml.YAMLError as e:
    print(f"  Error parsing front matter: {e}")
    return front_matter

```

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```

def translate_front_matter(front_matter, target_language, input_file):
    print(f"  Translating front matter for: {input_file}")

    if not front_matter:
        print(f"  No front matter found for: {input_file}")
        return ""

    try:
        front_matter_dict = {}
        if front_matter:
            front_matter_dict = yaml.safe_load(front_matter)
            print(f"  Front matter after safe_load: {front_matter_dict}")

        front_matter_dict_copy = front_matter_dict.copy()

        if 'title' in front_matter_dict_copy:
            print(f"  Translating title: {front_matter_dict_copy['title']}")

            if not (input_file == 'original/2025-01-11-resume-en.md' and target_language in ['zh', 'fr']):
                if isinstance(front_matter_dict_copy['title'], str):
                    translated_title = translate_text(front_matter_dict_copy['title'], target_language)

                    if translated_title:
                        translated_title = translated_title.strip()
                        if len(translated_title) > 300:
                            translated_title = translated_title.split('\n')[0]
                        front_matter_dict_copy['title'] = translated_title
                        print(f"  Translated title to: {translated_title}")

                    else:
                        print(f"  Title translation failed for: {input_file}")

                else:
                    print(f"  Title is not a string, skipping translation for: {input_file}")

            else:
                print(f"  Skipping title translation for {input_file} to {target_language}")

    except:

```

```
# Always set lang to target_language

front_matter_dict_copy['lang'] = target_language
front_matter_dict_copy['translated'] = True

result = "---\n" + yaml.dump(front_matter_dict_copy, allow_unicode=True) + "---"
print(f"  Front matter translation complete for: {input_file}")
return result

except yaml.YAMLError as e:
    print(f"  Error parsing front matter: {e}")
return front_matter
```