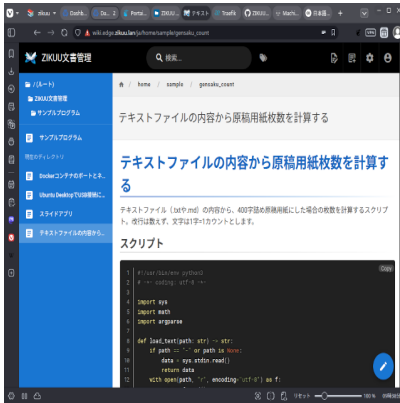




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Description

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```
#!/usr/bin/env python3
# -*- coding: utf-8 -*-
```

```
import sys
import math
import argparse
```

```
def load_text(path: str) -> str:
    if path == "-" or path is None:
        data = sys.stdin.read()
        return data
    with open(path, "r", encoding="utf-8") as f:
        return f.read()
```

```
def count_chars(text: str, exclude_spaces: bool) -> int:
    # æ?¹è¡?ã·-ã?«ã?|ã?³ã?ã·?ã·ªã·?i¼?å??ç¨ç?¨ç?ã·®ã?ã?¹ç?®ã·«å?¥ã?ã·ªã·
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    if exclude_spaces:
        # å·?è§?ã?¹å??ã?¼ã?¹ã?»å?¨è§?ã?¹ã??ã?¼ã?¹ã?»ã?¿ã??ã??é?¤å¤?
        filtered = text.replace("\n", "").replace("\r", "")
        filtered = filtered.replace(" ", "").replace("\u3000", "").replace("\t", "")
```

```
        return len(filtered)
    else:
        filtered = text.replace("\n", "").replace("\r", "")
        return len(filtered)

def main():
    parser = argparse.ArgumentParser(
        description="å??ç?`ç?`ç´?æ•
?ç®?ã??ã?¼ã?«i¼?400å?=1æ??æ?çå®?i¼?ã??æ?¹èj?ã•¯æ?°ã•?ã•?ã?•æ??å?ã•
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    )
    parser.add_argument("path", help="ã??ã?ã?¹ã??ã??ã?jã?¤ã?«ã•
®ã??ã?¹ã??æ"?æ°?å?¥å??ã??ã?½ã?•å 'å•?ã•¯ '-' ã??æ??å®?ã??")
    parser.add_argument("--chars-per-page", type=int, default=400, help="1æ??ã
•?ã•?ã??ã•®æ??å?æ?°i¼?æ?çå®?: 400i¼?")
    parser.add_argument("--exclude-spaces", action="store_true",
        help="ç©°ç?½i¼?å•?è§?/å?"è§?i¼?ã•¯ã?¿ã??ã??æ??å?æ?°ã
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    args = parser.parse_args()

    text = load_text(args.path)
    lines = text.splitlines()
    total_lines = len(lines)

    total_chars = count_chars(text, exclude_spaces=args.exclude_spaces)
    pages = math.ceil(total_chars / max(1, args.chars_per_page)) # 0é?¤ç®?ã¿
•è.

    # çµ•æ??èj`ç¤°
    print("=== å??ç?`ç?`ç´?æ•?ç®? çµ•æ?? ===")
    print(f"ã??ã?jã?¤ã?«          : {args.path}")
    print(f"èj?æ?°i¼?ç©°ç?½èj?å•«ã??i¼? : {total_lines}")
    print(f"ç••æ??å?æ?°          : {total_chars} æ??å?"
        + ("i¼?ç©°ç?½é?¤å¤?i¼?" if args.exclude_spaces else "i¼?ç©°ç?½å•
«ã??i¼?"))
    print(f"æ•?ç®?è`å®?          : 1æ??ã•?ã•?ã?? {args.chars_per_page} æ??å?"
    print(f"å??ç?`ç?`ç´?æ•?ç®?      : ç´? {pages} æ??")

if __name__ == "__main__":
    main()

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# ã?³ã??ã?³ã??æ§?æ??
gensaku_count.py [-h] [--chars-per-page CHARS_PER_PAGE]
                [--exclude-spaces]
                path
# ç°jå•?ç??i¼?ã??ã??ã?®ã?«ã?ã•¯400å?è©°ã?•å??ç?`ç?`ç´?i¼?
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# å••ã•®ã?»ã?•ã??ã?«ã??å•?ç?§ã??
```


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Tags

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Date Created
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Author
kazuo-tsubaki

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