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# util.py
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```
import newscheck.config as config
```

```
+----- 4 lines: def get_pages(client, bucket_name, prefix): ---
```

```
+----- 6 lines: def keys_from(page):
```

```
+----- 7 lines: def get_file(client, bucket_name, key): ---
```

```
+--- 10 lines: def check_article(lines, threshold, stock_symbols): ---
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```
def check_article(lines, threshold, stock_symbols):
```

```
    limit = threshold * len(lines)
```

```
    while lines and limit:
```

```
        line = lines.pop()
```

```
        first_word = line.split()[0]
```

```
        if first_word in stock_symbols:
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```
            limit -= 1
```

```
    return limit <= 0
```