

(가)

2025 - 10 - 05 . : .

1.

- : (1) . UI , (2) () , (3) RSS /404 , (4) Windows PowerShell , (5) . , (6) / , (7)
- : (A) UI + / / (UI 가) , (B) + N + LLM / 가 , (C) (404/) , (D) Python , (E) Elasticsearch , (F) + , (G)
- : 15 , 0 , 1 (4) , , 3 .

2.

- & UI : JSON / .
- : / / 0 .
- RSS : URL . 404 .
- PowerShell : / . OS .
- / / : .
- : .
- : . 가.

3. ()

- UI
- FastAPI + SPA(가) :
- / /QG · FC , (, Enter, Space).
- +
- 7 threshold (: 30%).
- N(: 20) + ().
- weekly job RSS 404/ / .
- /
- PowerShell Python CLI + cron/ .
- Docker + CI() CD() .
- Elasticsearch/OpenSearch / 가 .
- + Google Trends .
- / 가 LLM ().
- / /
- (collect/evaluate/summarize/publish) + pytest .
- + , JSON .
- : KEYWORD_YYYY - MM - DD_HHMM.{json|md|html}; .

4. 가 ()

1) .

- 2) : python orchestrator.py - - collect - keyword "< >" - - use - external - rss
- 3) (): python orchestrator.py - - collect - community
- 4) : python tools/rebuild_kw_from_today.py
- 5) (): python orchestrator.py - - approve - top 20
- 6) : python tools/sync_selected_for_publish.py
- 7) : python tools/augment_from_official_pool.py
- 8) : python orchestrator.py - - publish - keyword "< >"
- 9) : archive/ .json/.md/.html
- 10) UI(127.0.0.1:8765) / .

5.

UI ()	
selected_* JSON	
15 (+)	
threshold 가	
RSS	
/	

6. API() – UI (FastAPI)

```
# server_quali.py ( )
from fastapi import FastAPI
from pydantic import BaseModel
from pathlib import Path
import json, datetime as dt

BASE = Path(__file__).resolve().parent
CAND = [BASE/'selected_community.json', BASE/'archive/selected_community.json']

def _today():
    return dt.date.today().isoformat()

def load_selected_community():
    for p in CAND:
        if p.exists():
            return json.loads(open(p,'r',encoding='utf - 8 - sig').read()), p
    return {'date': _today(), 'articles': []}, CAND[0]

app = FastAPI()

@app.get('/api/community')
def get_comm():
    data, p = load_selected_community()
    return {'ok': True, 'path': str(p), 'data': data}

class SaveReq(BaseModel):
    data: dict

@app.post('/api/community/save')
def save_comm(req: SaveReq):
```

```
data, p = load_selected_community()
data = req.data
open(p,'w',encoding='utf - 8').write(json.dumps(data, ensure_ascii=False, indent=2))
return {'ok': True, 'path': str(p), 'total': len(data.get('articles',[]))}
```

7.

- JSON : {'date': 'YYYY - MM - DD', 'articles': [...]}
- UTF - 8(BOM).
- : KEYWORD_YYYY - MM - DD_HHMM.{json|md|html}

A.

```
# . . .
python orchestrator.py - - collect - community
python tools/rebuild_kw_from_today.py
python orchestrator.py - - approve - top 20
python tools/sync_selected_for_publish.py
python orchestrator.py - - publish - keyword "IPC - A - 610"
```