業Kairoscope Chart Builder Structure (Revised Canvas - コピペ対応版)

Kairoscopeの chart_builder.py は、Human Design チャートの中核。現在の最新版では、以下の要素を完全統合:

- •天体位置取得(Skyfield)
- 黄経→ゲート変換
- アクティブチャネル&センター
- ・プロファイル/内的権威/Variables (PHS) 生成
- MBTI連携テンプレートによる性格推定(2025-07-15 追加)
- ・時間不明時のvariant対応(time_variants.py)
- ・ Design Chart(88日前)の天体位置も算出・PHS用に導入済み(← New)

astro_position.py

```
from skyfield.api import load, Topos
from datetime import datetime, timedelta
from pytz import timezone
def get_planet_positions(birth_data):
    ts = load.timescale()
    dt = datetime.strptime(f"{birth_data['date']} {birth_data['time']}", "%Y-%m-
%d %H:%M")
    dt = timezone("Asia/Tokyo").localize(dt)
   t = ts.from datetime(dt)
   t_design = ts.from_datetime(dt - timedelta(days=88)) # Design chart用
    planets = load('de421.bsp')
    earth = planets['earth']
    loc = earth + Topos(latitude degrees=40.8246, longitude degrees=140.7400)
    planet names = ["Sun", "Earth", "Moon", "Mercury", "Venus", "Mars",
"Jupiter", "Saturn", "Uranus", "Neptune", "Pluto"]
    planet_ids = {
        "Sun": "sun",
        "Moon": "moon",
        "Mercury": "mercury",
        "Venus": "venus",
        "Mars": "mars",
        "Jupiter": "jupiter barycenter",
        "Saturn": "saturn barycenter",
        "Uranus": "uranus barycenter",
```

```
"Neptune": "neptune barycenter",
    "Pluto": "pluto barycenter"
}
def calc_positions(t):
    positions = {}
    for name in planet_names:
        planet = planets[planet_ids[name]]
        astrometric = loc.at(t).observe(planet)
        lon, _, _ = astrometric.ecliptic_latlon()
        positions[name] = lon.degrees
    positions["Earth"] = (positions["Sun"] + 180) % 360
    return positions
positions = {
    "Personality": calc_positions(t),
    "Design": calc_positions(t_design)
return positions
```

※ chart_builder.py 側では:

```
positions = get_planet_positions(birth_data)
personality = positions["Personality"]
design = positions["Design"]
```

これで Personality / Design 両方の惑星データにアクセス可能となり、PHS Variables の正式ロジック実装の基盤が整いました。

次は variable_logic.py の本格ロジック強化に進みます 🔂