RSCE Codex - Phase 1 - rsce.py (ASC2 Clean)

recursive_sovereign_continuum.py

```
class RecursiveSovereignContinuum:
    def __init__(self):
        self.continuum_state = "Dormant"
        self.active_timelines = []

    def open_continuum(self, timeline_reference, continuum_key):
        authorized_key = "INFINITE_FOLD_CONTINUUM_KEY"
        if continuum_key == authorized_key:
            self.active_timelines.append(timeline_reference)
            self.continuum_state = "Continuum Expansion Active"
                print(f"[CONTINUUM LINKED] Timeline '{timeline_reference}' successfully
integrated into sovereign lattice continuum.")
        else:
              print(f"[CONTINUUM ERROR] Invalid key for timeline '{timeline_reference}'.
Expansion denied.")

    def display_continuum(self):
        print("=== Sovereign Continuum Expansion ===")
        for timeline in self.active_timelines:
            print(f"Integrated Timeline: {timeline}")
        print(f"Continuum State: {self.continuum_state}")
        print("-" * 40)

def main():
    continuum = RecursiveSovereignContinuum()
    continuum.display_continuum()
    continuum.open_continuum("Timeline A (Prime)", "INVALID_KEY")
                    continuum.open_continuum("Timeline     B     (Quantum     Offset)",
"INFINITE_FOLD_CONTINUUM_KEY")
             continuum.open_continuum("Timeline   C   (Alternate   Harmonic   Branch)",
"INFINITE_FOLD_CONTINUUM_KEY")
    continuum.display_continuum()

if __name__ == "__main__":
    main()
```