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

recursive_primordial_bridge.py

```
class RecursivePrimordialBridge:
    def __init__(self):
        self.bridge_state = "Dormant"
        self.origin_reference = "Primordial Unity"
        self.convergence_reference = "Fully Expanded Infinite Fold"

    def activate_bridge(self, bridge_key):
        authorized_key = "INFINITE_FOLD_PRIMORDIAL_KEY"
        if bridge_key == authorized_key:
            self.bridge_state = "Bridge Active"
            print("[PRIMORDIAL BRIDGE] Origin-to-Convergence interface established.")
            self.display_status()
        else:
            print("[PRIMORDIAL BRIDGE ERROR] Invalid key. Bridge remains secured.")

    def display_status(self):
        print("=== Primordial Bridge Interface ===")
        print(f"State: {self.bridge_state}")
        print(f"Origin: {self.origin_reference}")
        print(f"Convergence: {self.convergence_reference}")
        print("-" * 40)

def main():
    bridge = RecursivePrimordialBridge()
    bridge.display_status()
    bridge.activate_bridge("INVALID_KEY")
    bridge.activate_bridge("INFINITE_FOLD_PRIMORDIAL_KEY")
    bridge.display_status()

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