

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

### nodus\_interface.py

```
import sys
from rsce_frequency_gate_patch import RSCEngine

class NodusInterface:
    def __init__(self):
        self.engine = RSCEngine()

    def parse_command(self, command):
        if command.startswith("observe"):
            observed = command.replace("observe ", "").strip()
            try:
                seed, full, weights = self.engine.execute(observed)
                self.display_results(seed, full, weights)
            except ValueError as e:
                print(f"Error: {e}")
        elif command == "exit":
            sys.exit()
        else:
            print("Unknown command. Use: observe <slice> or exit.")

    def display_results(self, seed, full, weights):
        print(f"Seed Recovered: {seed}")
        print("Full Lattice:")
        for p in sorted(full):
            print(f"    {p}")
        print("Weights:")
        for p, w in weights.items():
            print(f"    {p}: {w:.4f}")

def main():
    nodus = NodusInterface()
    print("Nodus Interface Kernel Active")
    print("Enter commands: observe <slice> or exit")
    while True:
        command = input(">> ")
        nodus.parse_command(command)

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