""" DARKBOT™: Resonant Field Intelligence Architecture

Package initialization module.

This file initializes the DARKBOT™ package and exports the main classes and functions.

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Import core components

from .core import DarkBot from .config import DarkBotConfig, create_default_config_file from .tensor_ops import (calculate_resonance, calculate_coherence, resonant_product, fractal_transform, temporal_projection) from .lattice import (construct_e8_lattice, quaternion_transform, map_to_e8)

Package metadata

version = "1.0.0" **author** = "Cato Johansen (Kato McKenna)" **email** = "katomckenna157@gmail.com" **license** = "Dual license - See LICENSE.md for details" **copyright** = "Copyright (c) 2025 Cato Johansen"

Define package exports

all = ['DarkBot', 'DarkBotConfig', 'calculate_resonance', 'calculate_coherence', 'resonant_product', 'fractal_transform', 'temporal_projection', 'construct_e8_lattice', 'quaternion_transform', 'map_to_e8', 'create_default_config_file']