

Redis Module

Ⓢ RedisCaching

□ client: Redis
□ namespace: str
○ default_ttls: Dict[str, int]

○ __init__()
○ get(key): Optional[Any]
○ set(key, value, ttl): bool
○ delete(key): bool
○ invalidate(pattern): int
○ get_data_from_table(...): Any
○ update_data_in_table(...): int
○ check_cache_health(): bool

Key Patterns:

- sql:{db}:{category}:{name}
- Uses SHA-256 hash for params
- JSON serialization
- Deterministic keys

configuration

uses

Ⓢ RedisArgs

○ socket_path: str
○ password: str
○ decode_responses: bool

○ from_env(): RedisArgs
○ to_redis_kwargs(): Dict

Ⓢ «external» Redis

○ get(key): str
○ set(key, value, ex): bool
○ delete(*keys): int
○ scan_iter(match): Iterator
○ ping(): bool

Environment Variables:

- REDIS_SOCKET_PATH
- REDIS_PASSWORD
- REDIS_DECODE_RESPONSES