

# MINIWORLD CORE 0.2.0

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ABSTRACT. This is do

## 1. INTRODUCTION

- 1.1. **miniworld project.**
- 1.2. **miniworld core.**
- 1.3. **version information.**
  - 1.3.1. *version 0.2.0.*

## 2. ECOSYSTEM OUTLINE

- 2.1. **terminology.**
- 2.2. **outline.**
- 2.3. **life cycle.**
- 2.4. **action.**
- 2.5. **mineral dynamics.**
- 2.6. **reproduction.**

## 3. FREE PARAMETERS

- 3.1. **initial configuration.**
- 3.2. **life cycle.**
- 3.3. **action.**
- 3.4. **mineral dynamics.**
- 3.5. **reproduction.**

## 4. PUBLIC API

- 4.1. **free parameter manipulation.**
- 4.2. **neural network manipulation.**
- 4.3. **world generation.**
- 4.4. **execution.**
- 4.5. **measurement.**
- 4.6. **visualization helper.**

## 5. ECOSYSTEM DETAIL

- 5.1. **life cycle.**
- 5.2. **action.**
- 5.3. **mineral dynamics.**
- 5.4. **reproduction.**

## 6. EXAMPLE SIMULATION