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# **copycat Documentation**

***Release v0.1***

**Heinz Riener**

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## INTRODUCTION

### 1.1 Synopsis

The C++ library *copycat* implements tools for design understanding.



## CHANGE LOG

### 2.1 v0.1 (Not yet released)

- Temporal logics - LTL (*ltl\_formula\_store*)
- Datastructures - Waveform (*waveform*) - Finite or infinite trace (*trace*)
- Generators - Waveform generator (*waveform\_generator*)
- Algorithms - Sequential simulator (*sequential\_simulation*) - LTL evaluation on finite traces (*ltl\_finite\_trace\_evaluator*)
- Utils - Three-valued Boolean (*bool3*) - Five-valued Boolean (*bool5*)
- IO - LTL reader (*ltl\_reader*)





## **ACKNOWLEDGMENTS**



**INDICES AND TABLES**