

petris

A Tetris Clone

Pushkar Mohile
180260027

Sankalp Gambhir
180260032

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Abstract — petris is a bad attempt at a portmanteau of EP and Tetris.

1 Project Details

1.1 Verilog Modules

1.1.1 Wrapper

1.1.2 Logical Modules

Interface Module

Tetrimino Generation Module

Motion Control Module

Validation Module

1.1.3 Display Modules

VGA Control Module

Framer Module

Synchronisation Module

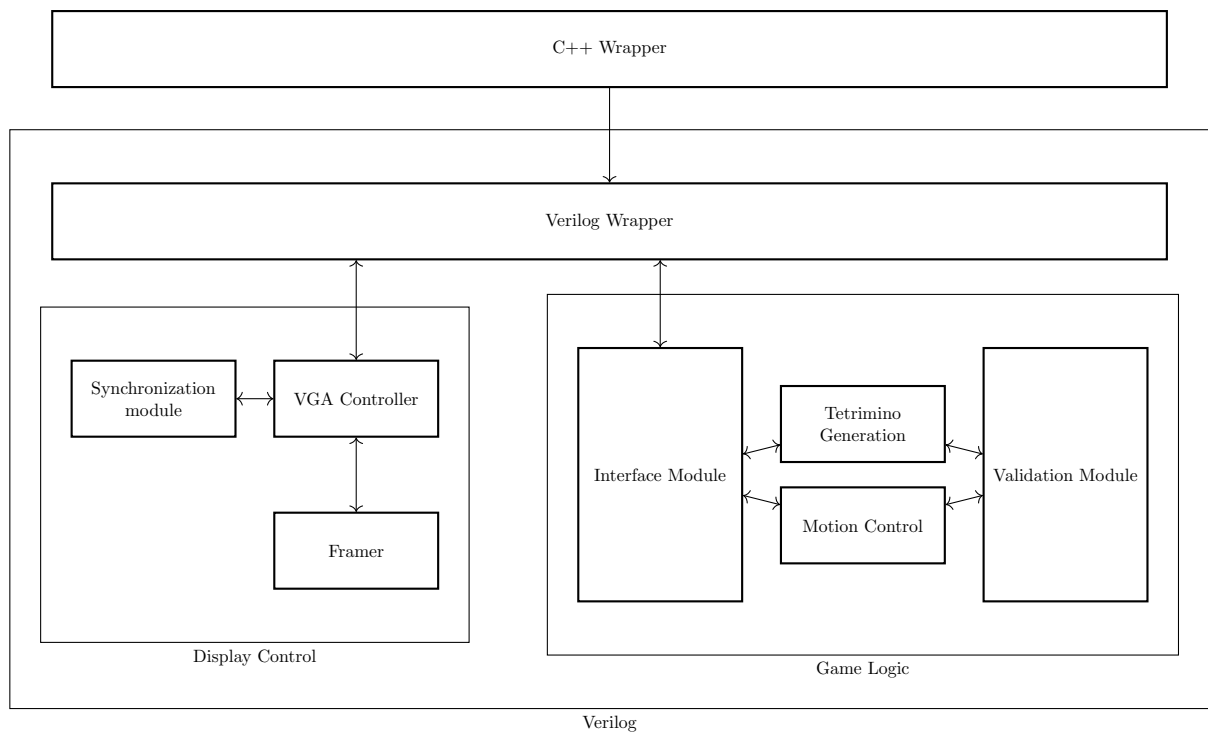


Figure 1: Block diagram *Sankalp : Bettercaption?*

1.2 C++ Wrapper

2 Main Components

2.1 I/O Modules

2.2 Hardware Description

2.3 Structural Description

2.4 Behavioural Description

3 Results