# Static Detection of Data Races in Interrupt-Driven Software Using Reduced Inter-Procedural Control Flow Graphs

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#### Problem of Data Races

- Not reconstructable
- bar.
- baz.

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# Interrupt Driven Software

- foo.
- bar.
- baz.

## What are Shared Resources?

## What are Data Races?

# Example of an Data Race

#### Static Detection of Data Races

#### How to detect Data Races



# Why do we need Control Flow Graphs?

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#### What are Inter-Procedural CFG's?

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# Reducing the CFG

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