What is a CDFG

- Control flow component:
    - Basic block is a node
    - Arcs are branches
- Embed a dataflow graph in this
    - Instructions are nodes
    - Data dependencies is an arc

What/Why is the 'token store'?

- What
  - A list of instructions that are waiting to be executed

- Why
  - More tokens waiting to execute than execution resources

What/Why is an I-Store?

- What
  - Memory location with a control bit
- Why
  - To stall loads

How to handle store-load chains?

- Store is going active an I-Store
- Loads are going to enqueue at an I-Store

What is a side-effect?

- ## What is a side-effect free language?
  - A language without "variables"

- ## Why is it useful?
  - Easy to reason about
  - Well defined chain of computation

Why not dataflow computing?

- Efficient compatibility with existing machines
- Less locality of reference
- Need global knowledge about tokens
  - Very associative structure

How is a CC related to Dataflow?

- What/where is the "token store"?
  - It IS the token store