AWS SWF

- Simple Workflow Service
  - Presents a task based API
  - Web Service
- Co-ordination of work in distributed processing tasks
  - Examples
    - media
    - Code
    - Scripts
    - Actions
- Max workflow
  - 1 year
  - measured in seconds
- Use Cases
  - media processes
  - Business workflows processing
    - Order
    - Verify order
      - EC2
        - In Stock
    - Credit Card
      - Card Gatway
        - Authorised
    - Ship order
      - Manual Picking
        - Picked
        - Packing order
    - Order Shipped
      - Database Service
  - Web back end
- Workers
  - gets tasks
  - processes tasks
  - returns the results
- Deciders
  - Controls the order & logic
- SWF monitors the tasks
  - Task in assigned once
  - Never duplicated
  - In A domain
  - JSON format

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