



2017

# Cloud Workflow Automation

William Crump

*Virginia Commonwealth University*

Eric Darling

*Virginia Commonwealth University*

Kyle Hagood

*Virginia Commonwealth University*

Syed Rizvi

*Virginia Commonwealth University*

Follow this and additional works at: <https://scholarscompass.vcu.edu/capstone>

 Part of the [Computer Engineering Commons](#)

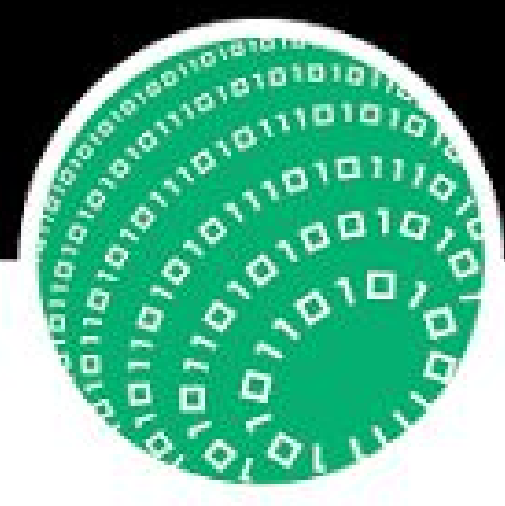
© The Author(s)

---

Downloaded from

<https://scholarscompass.vcu.edu/capstone/146>

This Poster is brought to you for free and open access by the College of Engineering at VCU Scholars Compass. It has been accepted for inclusion in Capstone Design Expo Posters by an authorized administrator of VCU Scholars Compass. For more information, please contact [libcompass@vcu.edu](mailto:libcompass@vcu.edu).



# Cloud Workflow Automation

CS305 | Team members: William Crump, Eric Darling, Kyle Hagood, Syed Rizvi | Faculty adviser: Robert Dahlberg | Sponsor: STR Software

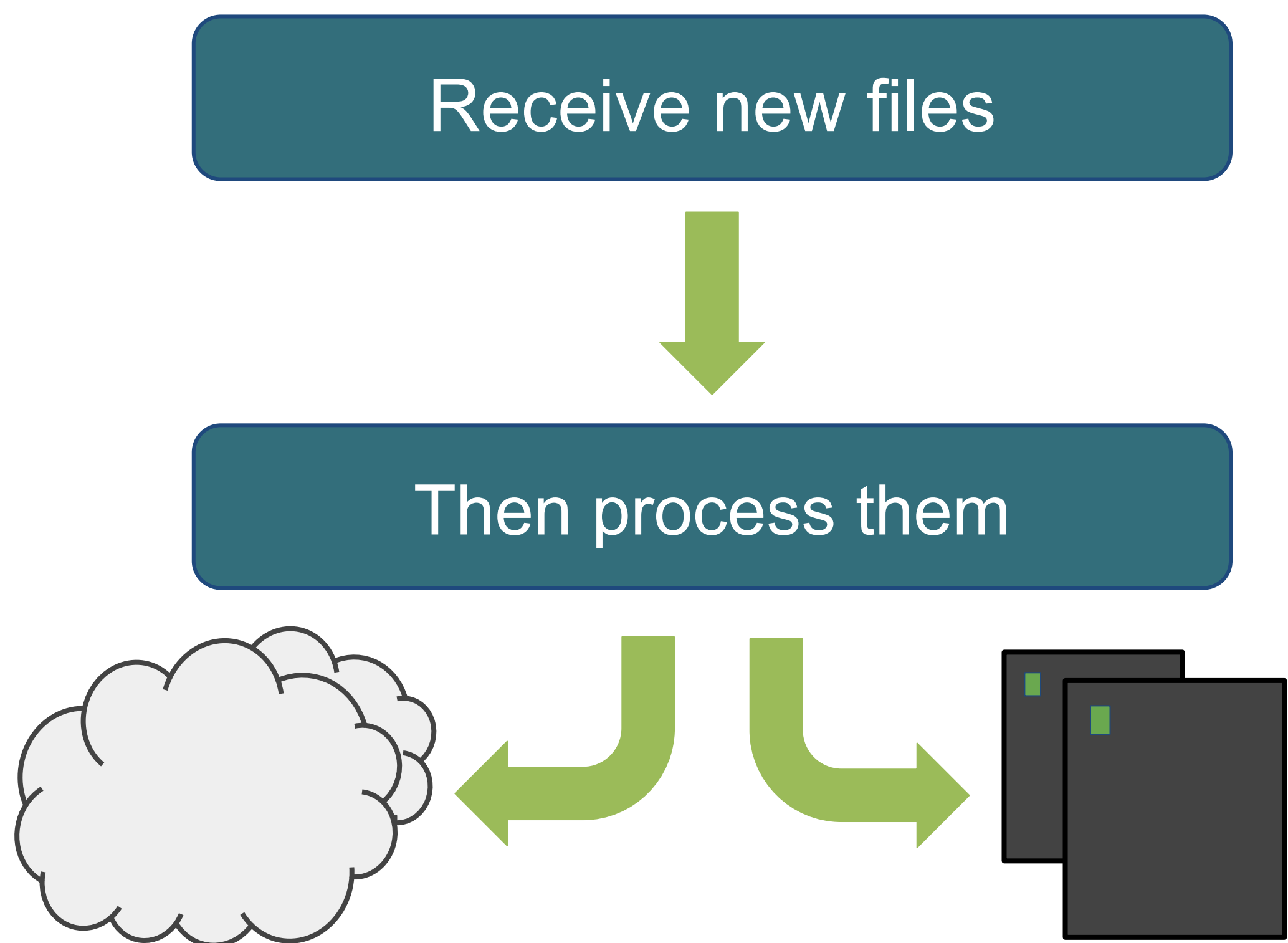
CAPSTONE DESIGN EXPO 2017

## Daily Business Tasks

**Time Consuming** - Businesses typically spend large amounts of time on simple and repetitive tasks.

Most tasks follow a simple pattern.

**Automation** - Our application allows repetitive tasks to be easily automated.



## Business Automation

Our software improves productivity by automating repetitive business tasks.

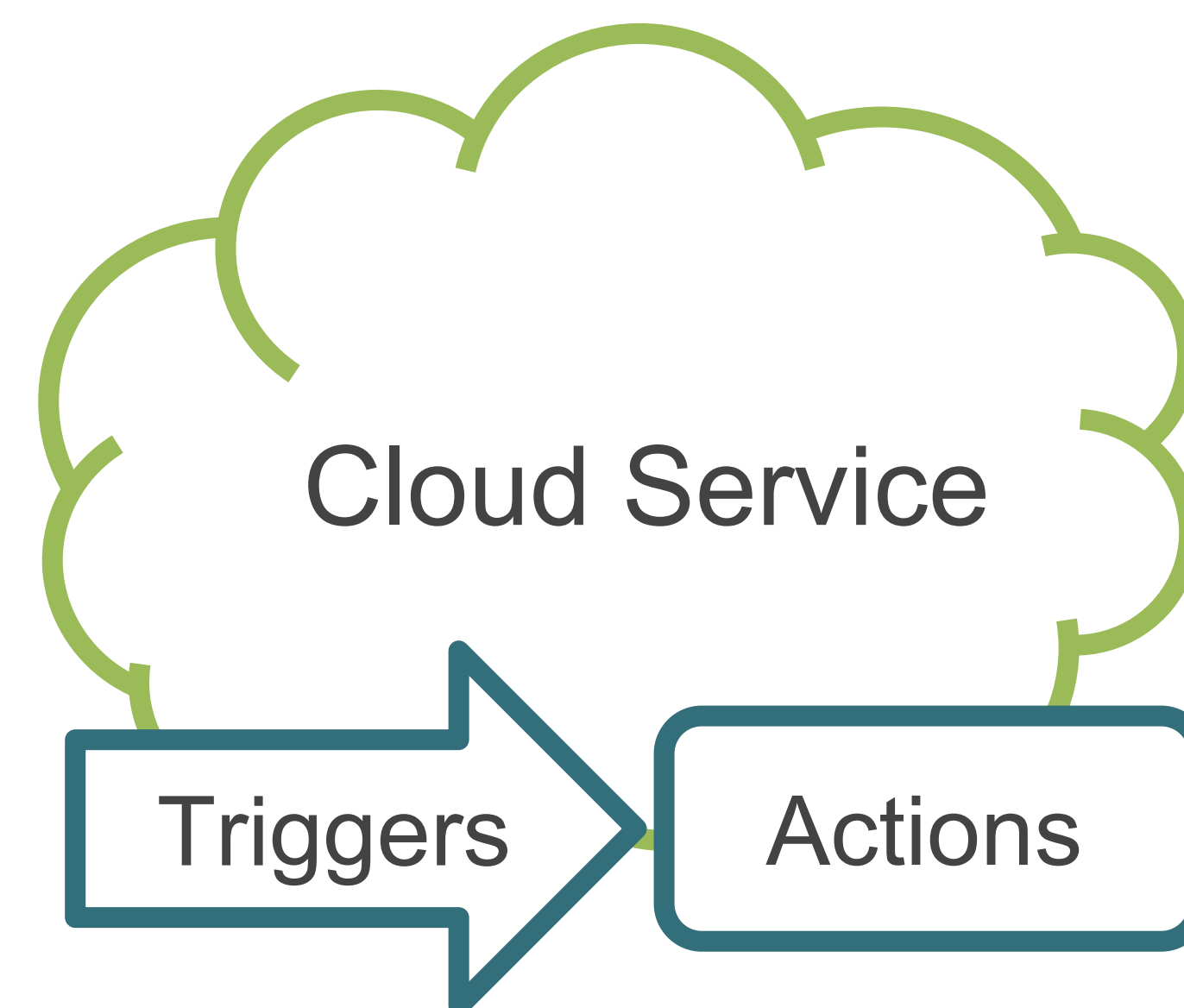
By linking **triggers** with **actions**, into a sequence called an **event**.

### Triggers

Directory Scan	Email Scan
Scheduled Time	New Files

### Actions

Download Files	Send Files
Process Files	Move Files



## Service Scheduling

Users choose a schedule for when services run with an **If** → **Then** format.

*"If there are new files in my email inbox, Then download the files to my desktop."*

Configure a schedule for events to run weekly, hourly, daily, or at specific times.



## Technology Stack

