**GitHub to an S3 Website through an AWS Pipeline**

**Summary**: The GitHub \ AWS Pipeline I made starts with a GitHub repository. For a company that produces software, the GitHub repository would be private, limiting access to a select number of individuals. Since GitHub stores all the website files for the project, AWS CodeCommit is not the first step in the process. After a code commit takes place in GitHub in the Reis-Website repository I created, the AWS pipeline is triggered by push command from GitHub. AWS CodeDeploy takes the modified static website files from the Reis-Website repository and uploads the files to an S3 Website, that would be public. The updated static website files are now on the public website replacing the old website files.

GitHub \ AWS Pipeline A screenshot of a computer

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Detailed pipeline descriptions

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The execution mode is set to “Superseded”. This means if the pipeline is disabled, the most recent execution takes precedent over all other previous executions that were sent. All other previous executions are disregarded.

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The Pipeline trigger is a push command from the Reis-Website GitHub main branch. Once a change takes place from the main branch, in the form of a code commit in GitHub, updated files are sent to the AWS Pipeline.

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The source is the GitHub repository is github.com/lthompsonINTL/Reis-website, which is storing the HTML files for the website. The information for the GitHub is configured to communicate to the AWS pipeline

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The final stage, AWSCodeDeploy sends the files to the S3 website. The S3 website is the final destination of the files from GitHub, where multiple contributors have access to the source files