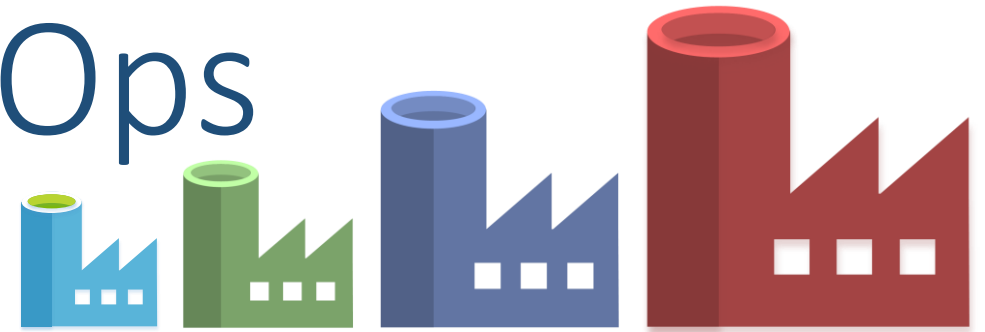


Using Azure DevOps

for Azure Data Factory



Paul Andrew | Principal Consultant & Solution Architect



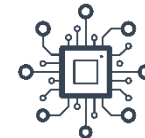
altius  PASS



@MrPaulAndrew



In/MrPaulAndrew



MrPaulAndrew.com



<https://github.com/mrpaulandrew>

CommunityEvents

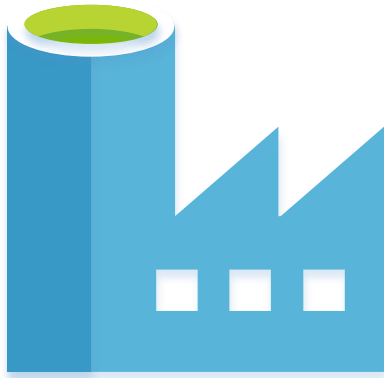
Demo code, content and slides from various community events.

● C++

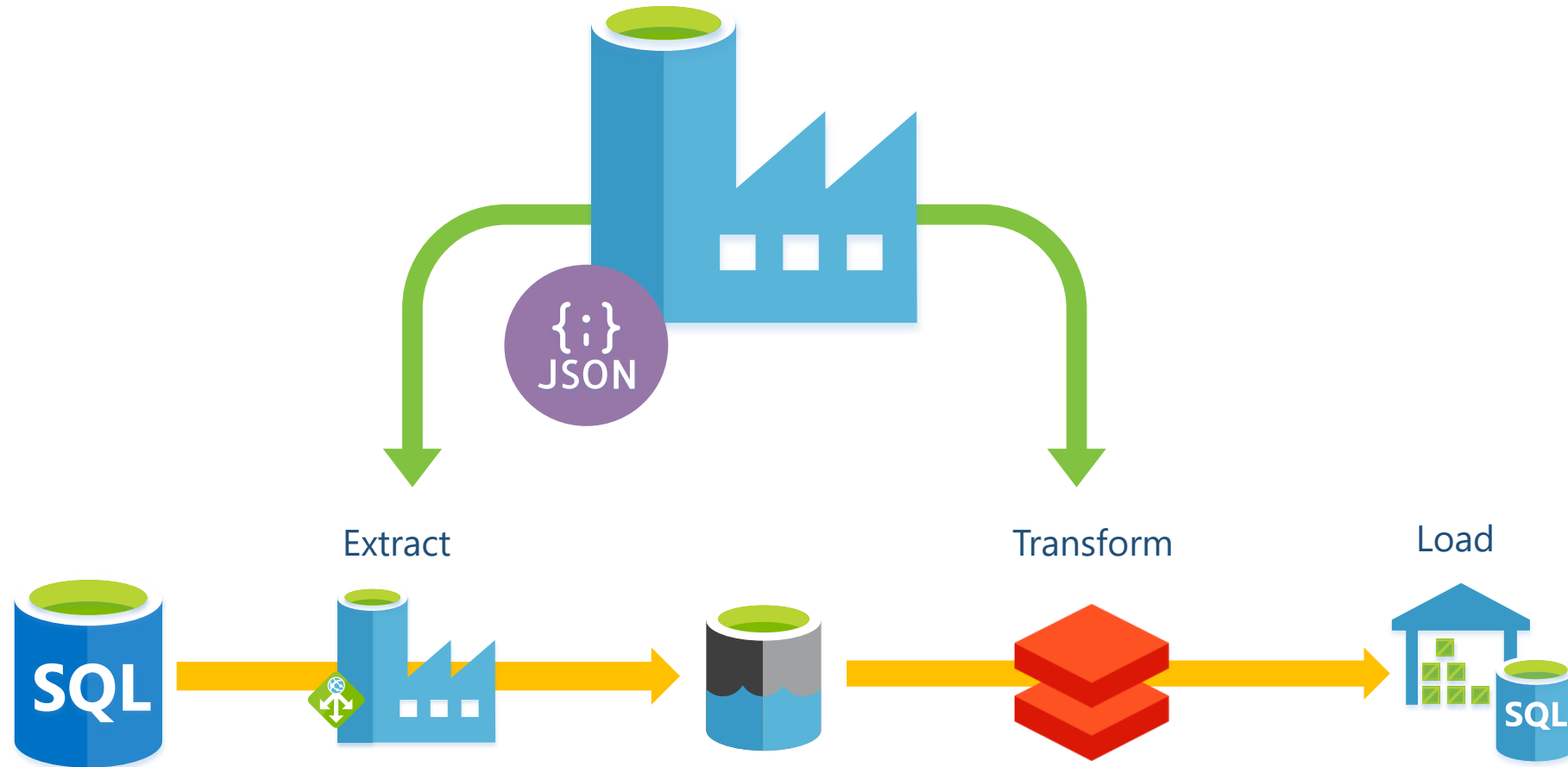
[{Event/Location}-{Month}-{Year}](#)

Azure Data Factory

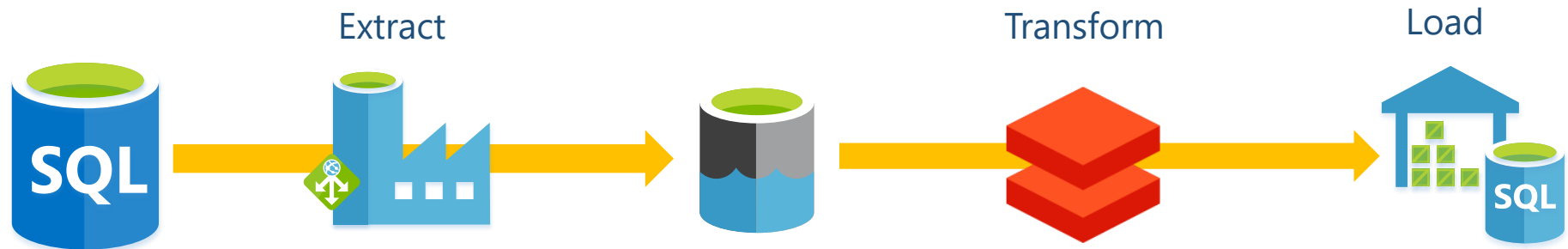
A Quick Overview



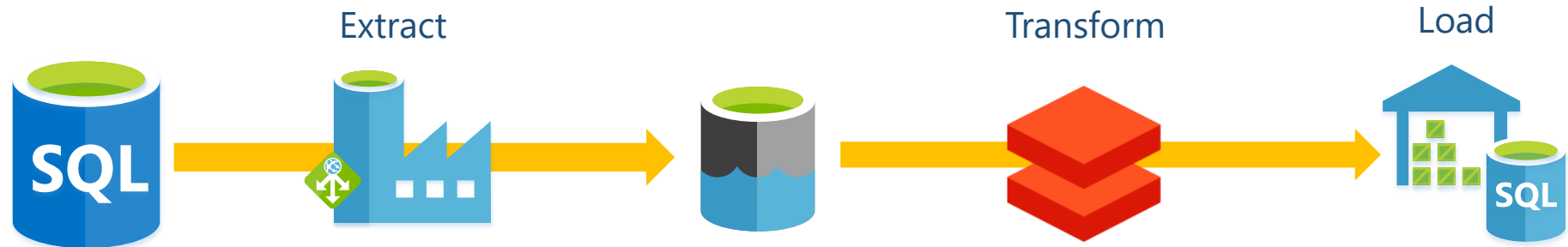
What is Azure Data Factory?



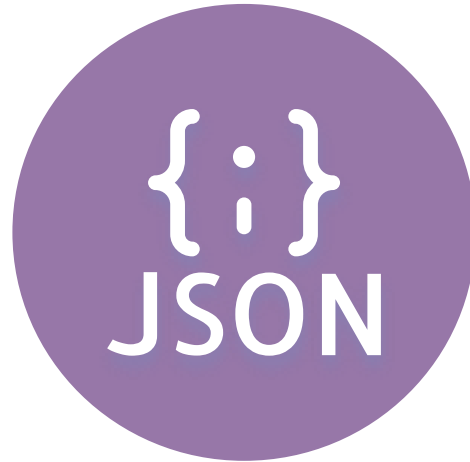
What is Azure Data Factory?



Data Factory Components



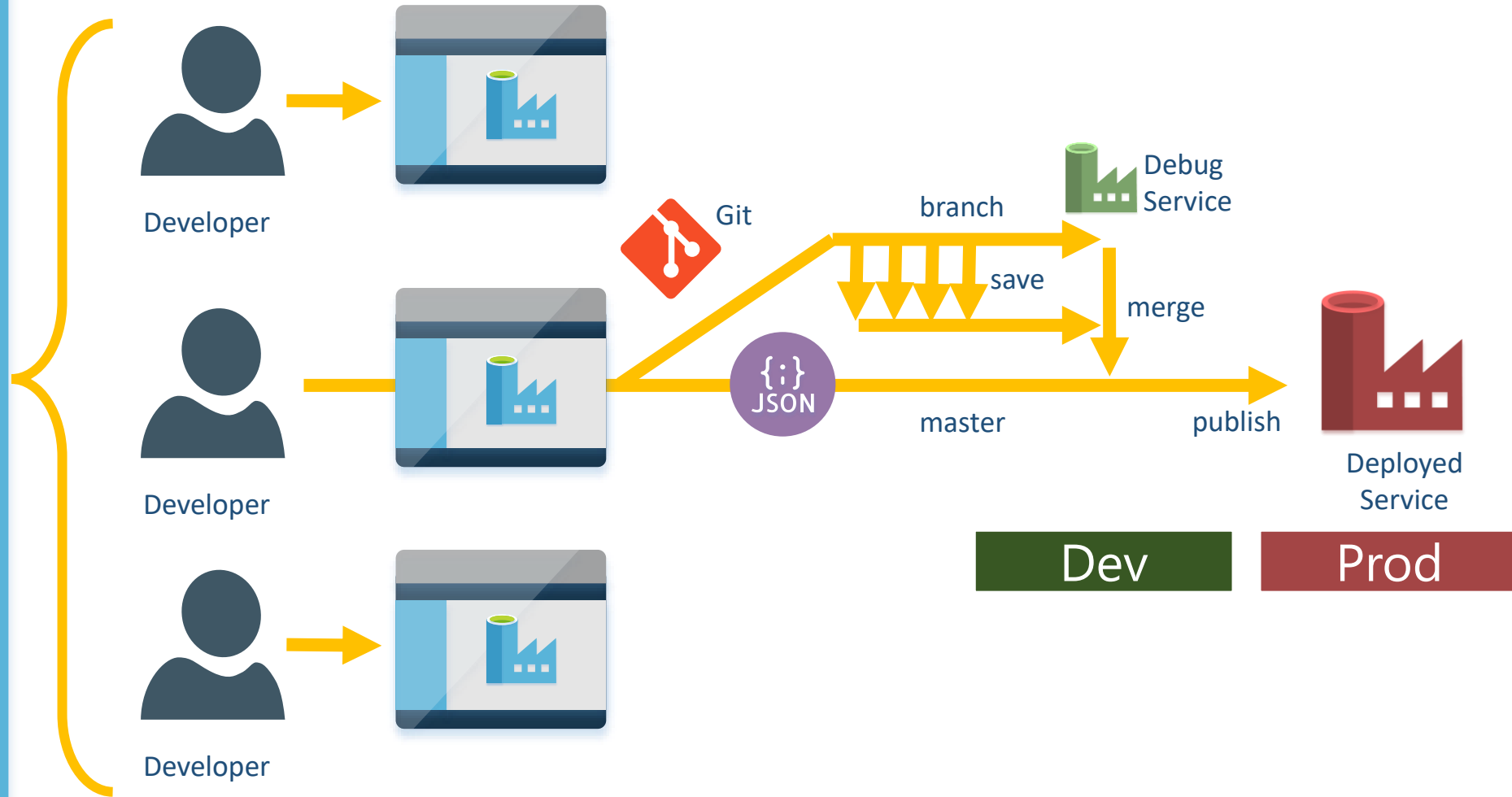
- 1 Linked Services
- 2 Data Sets
- 3 Activities
- 4 Pipelines
- 5 Triggers



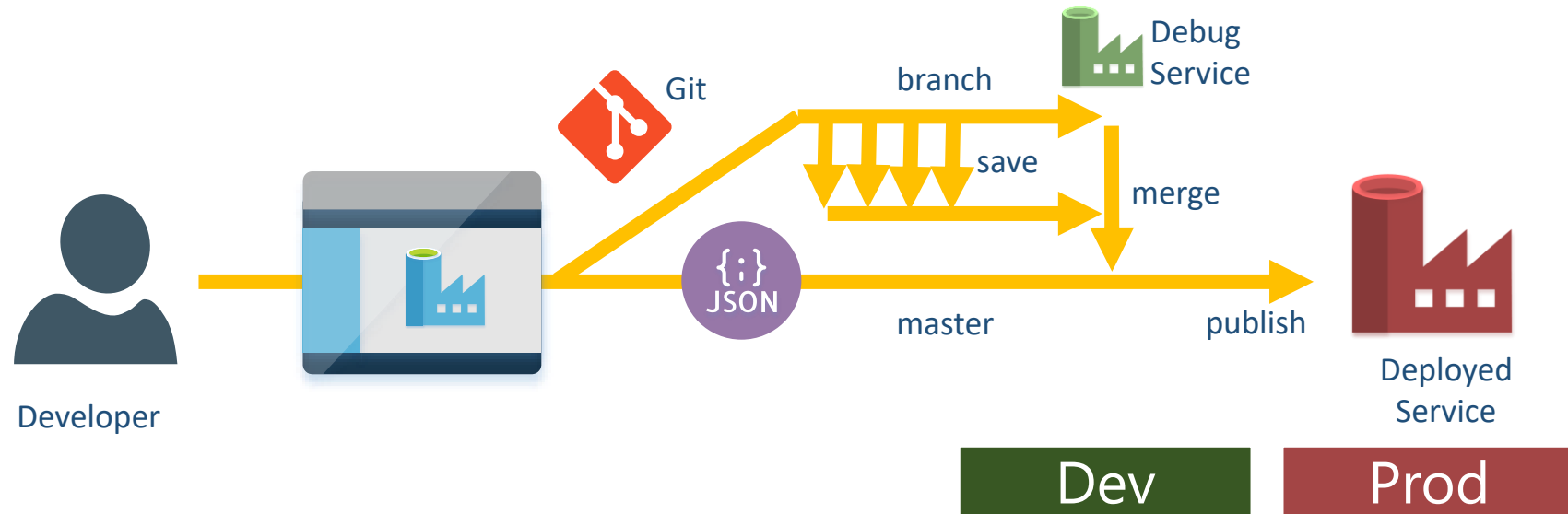
Data Factory DevOps – CI/CD



Data Factory Continuous Integration

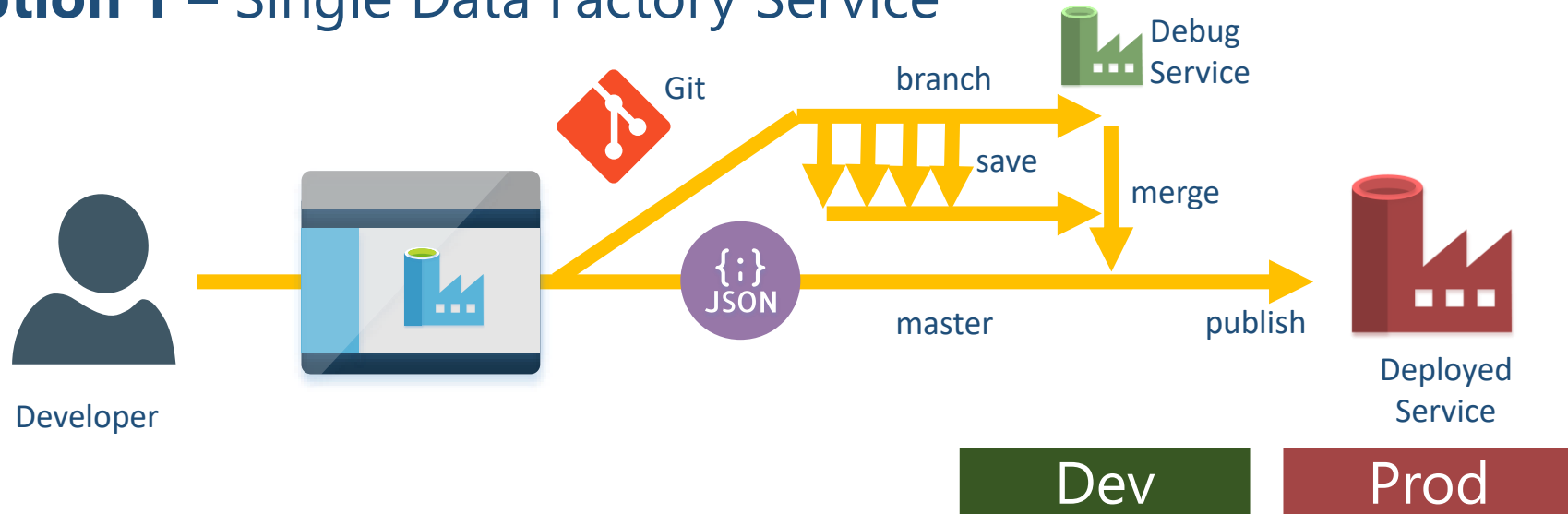


Data Factory Continuous Delivery

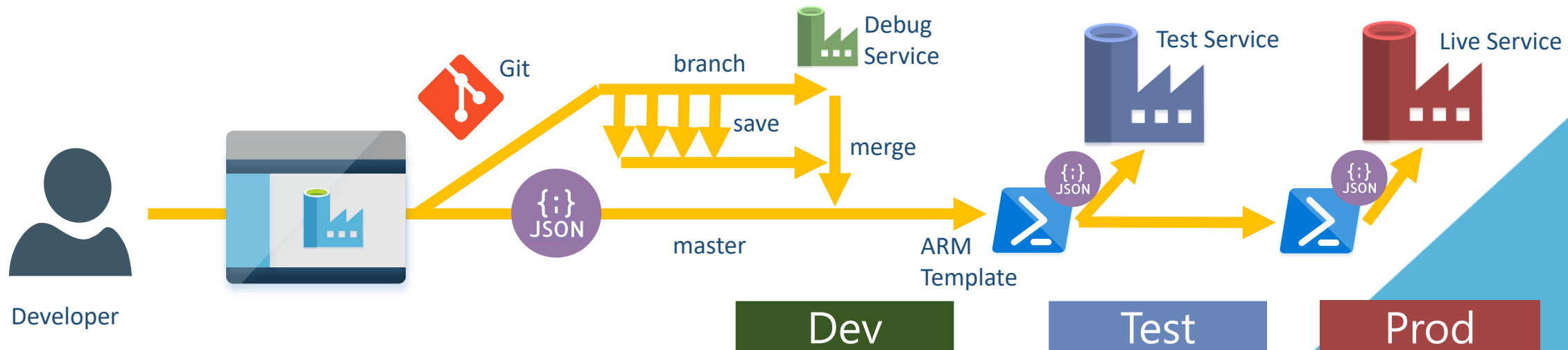


Data Factory Continuous Delivery

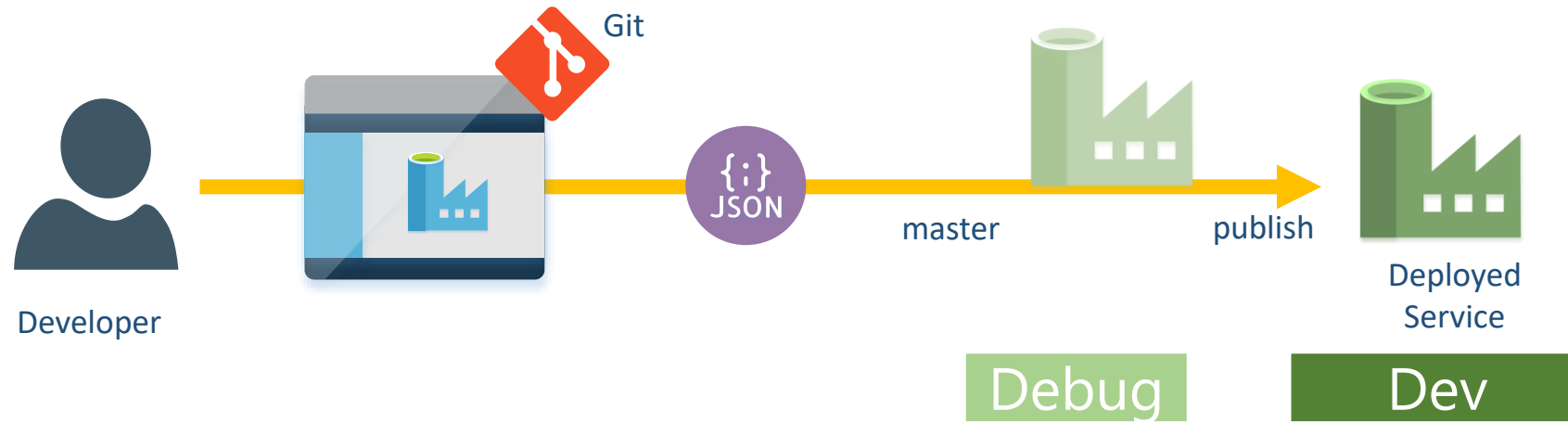
Option 1 – Single Data Factory Service



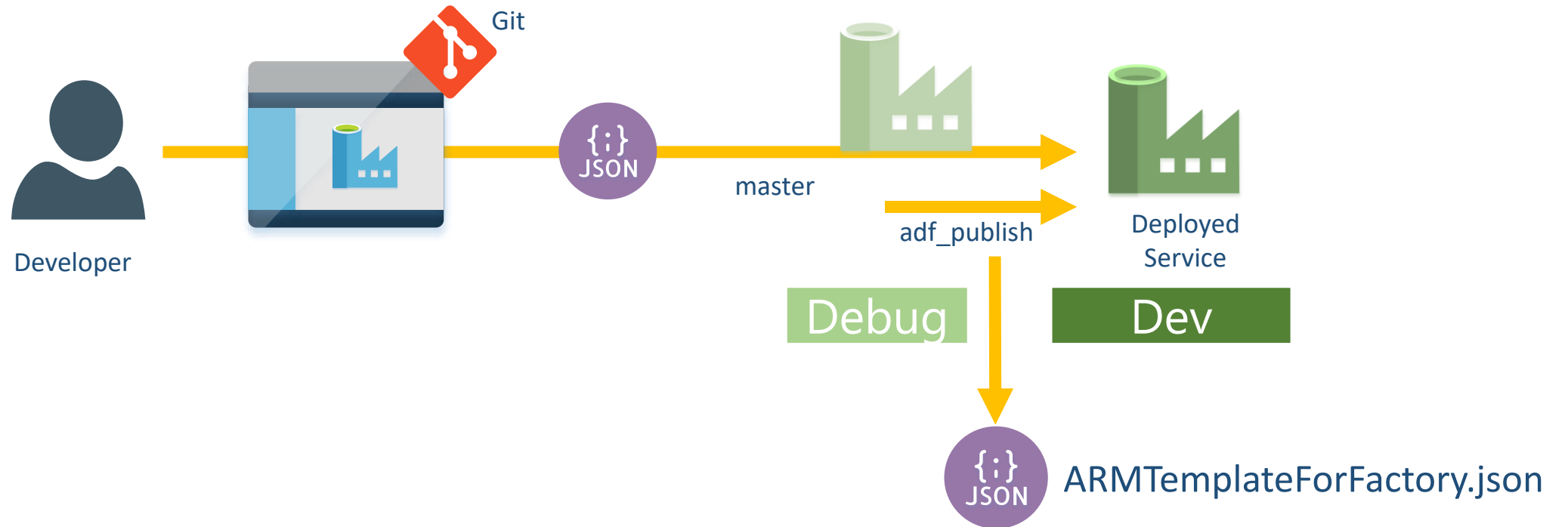
Option 2 – ARM Templates for Multiple Data Factory Services



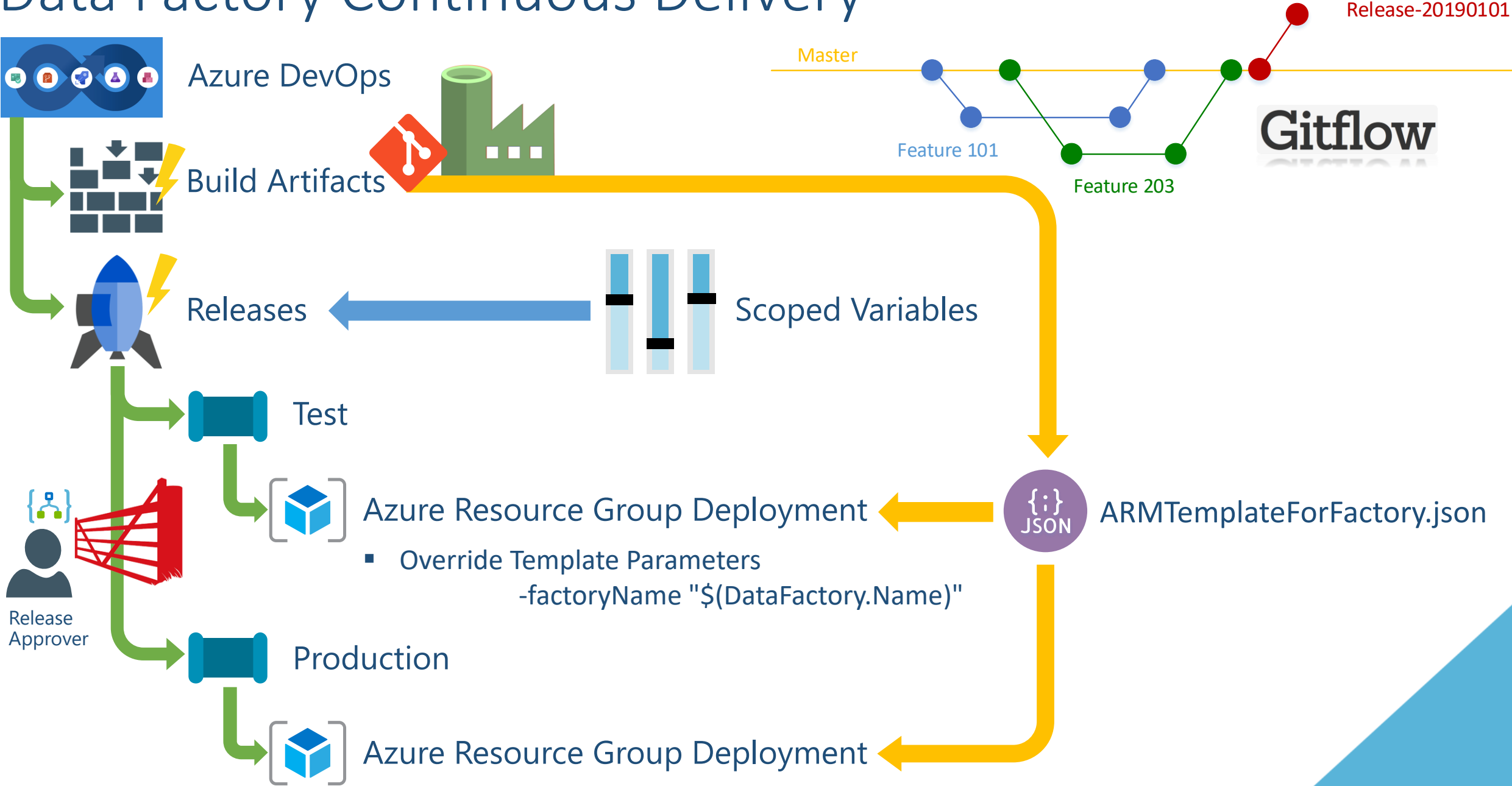
Data Factory Publish



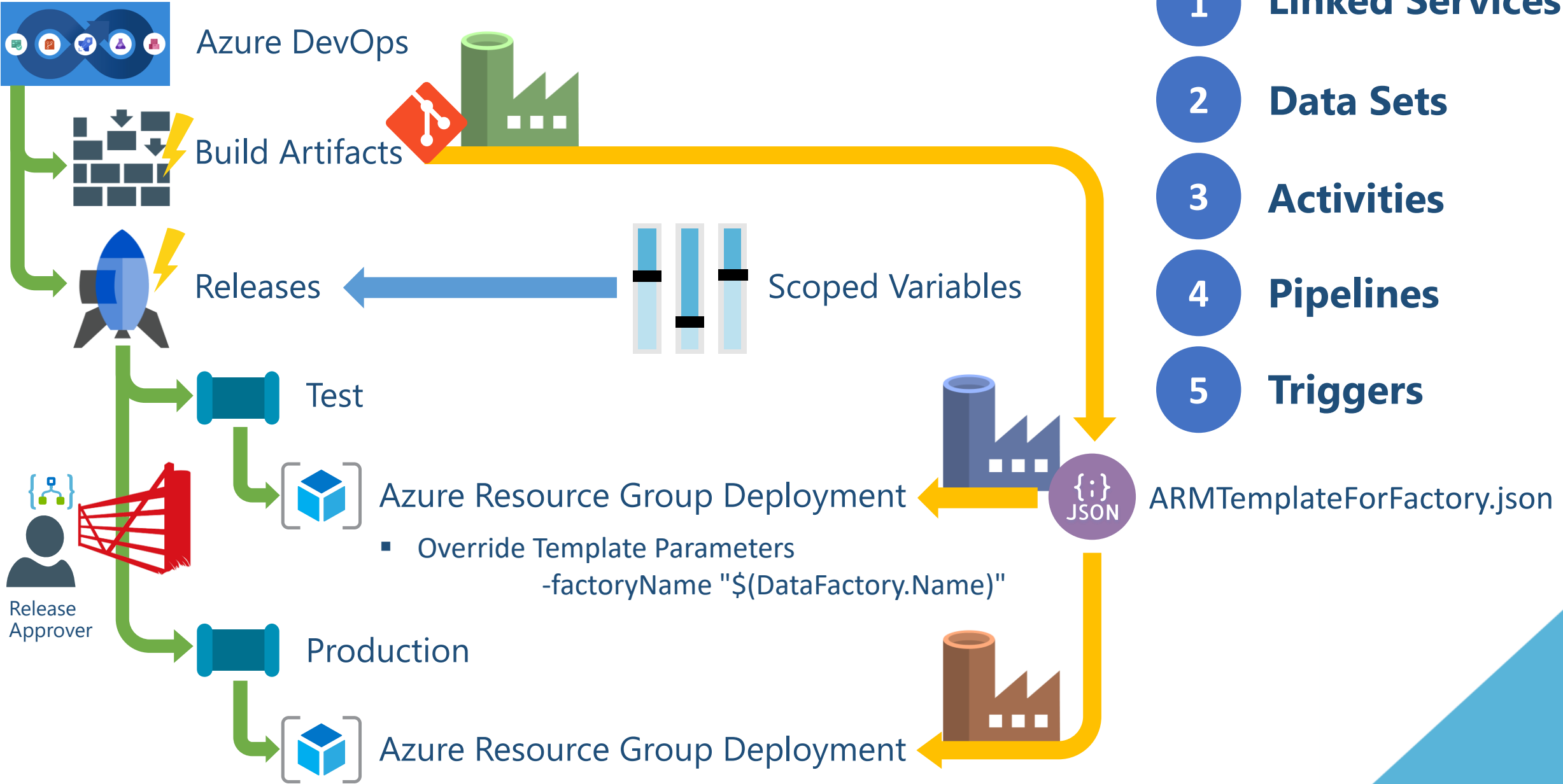
Data Factory Publish



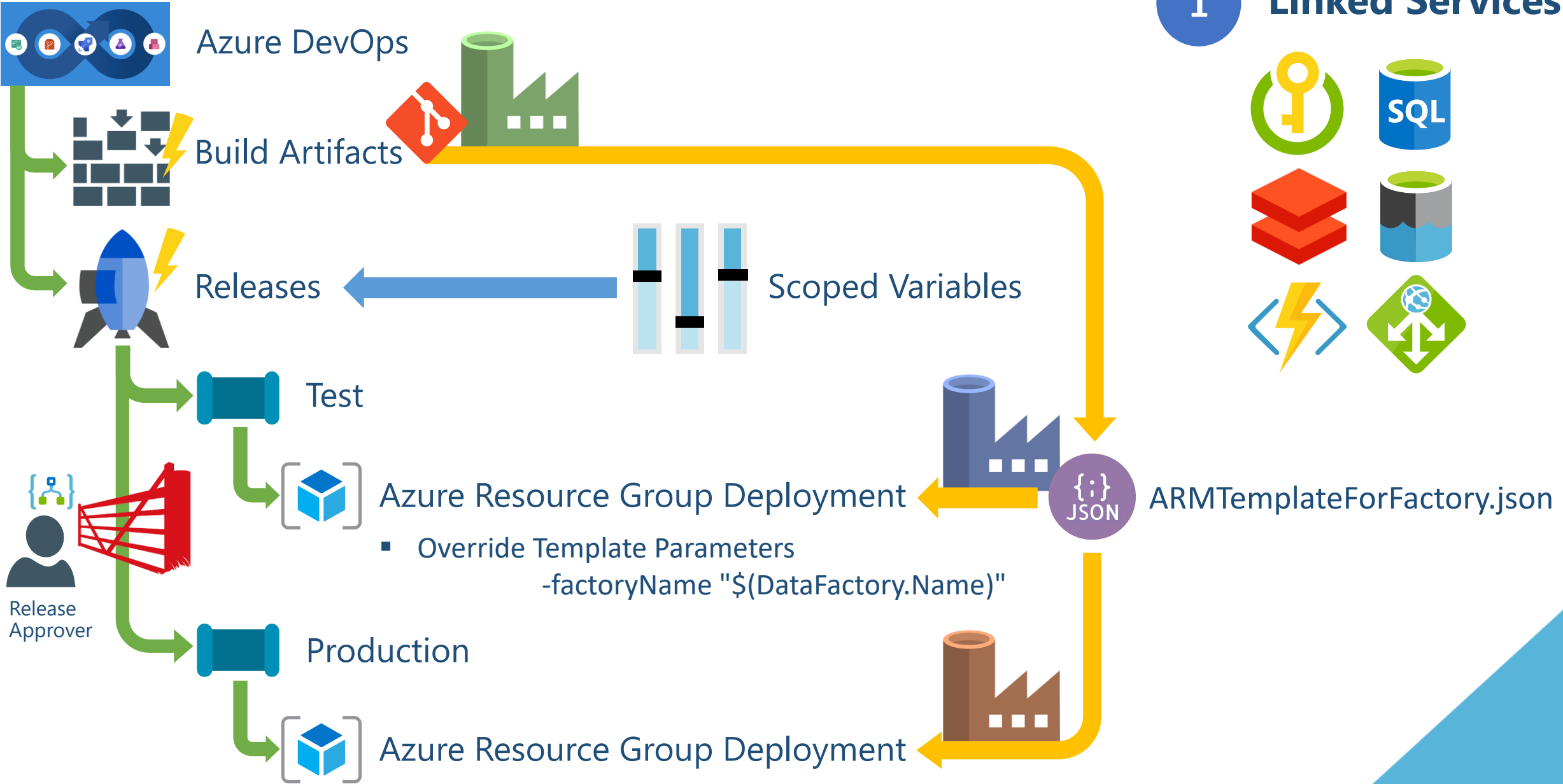
Data Factory Continuous Delivery



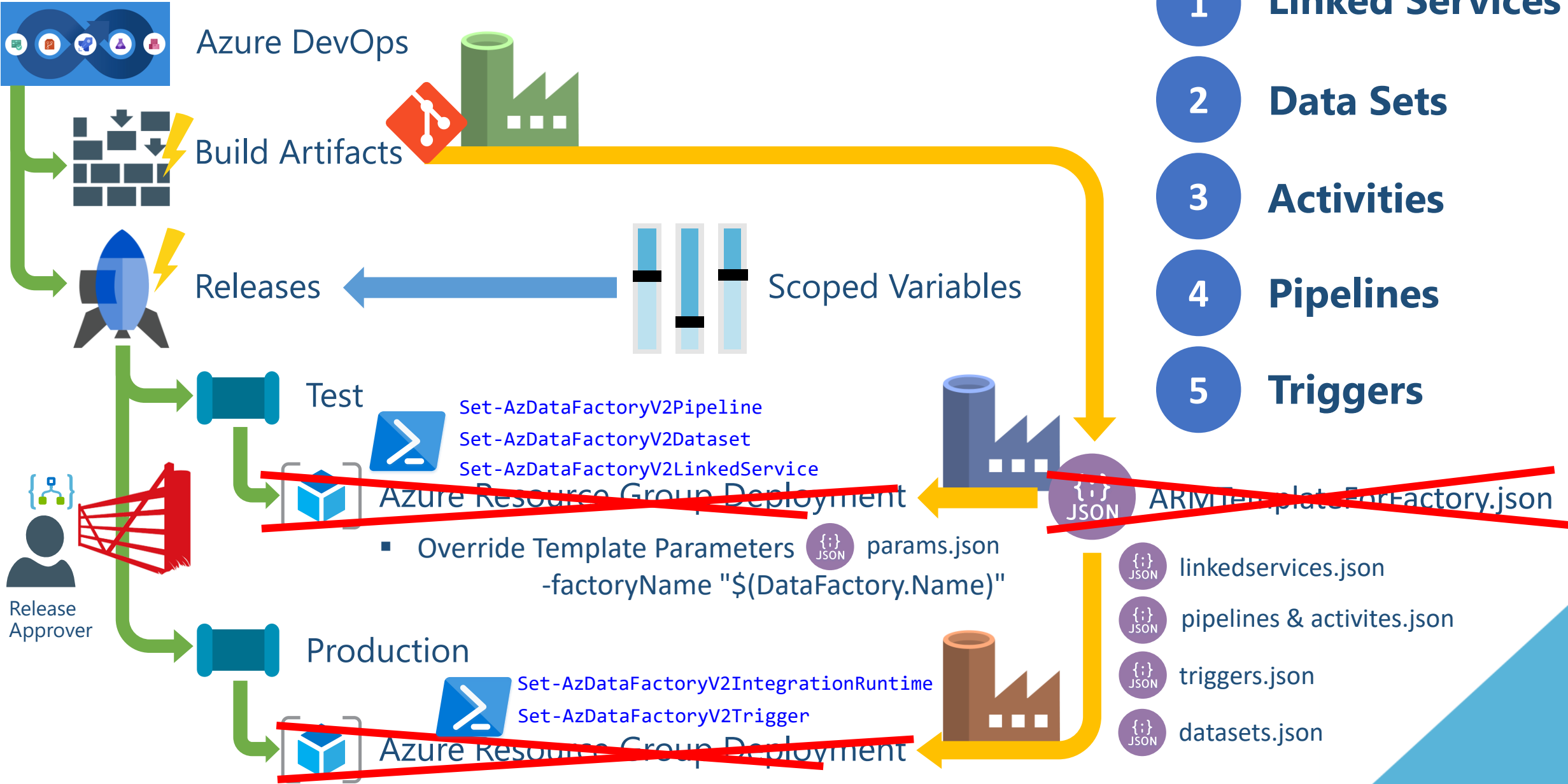
Data Factory Continuous Delivery



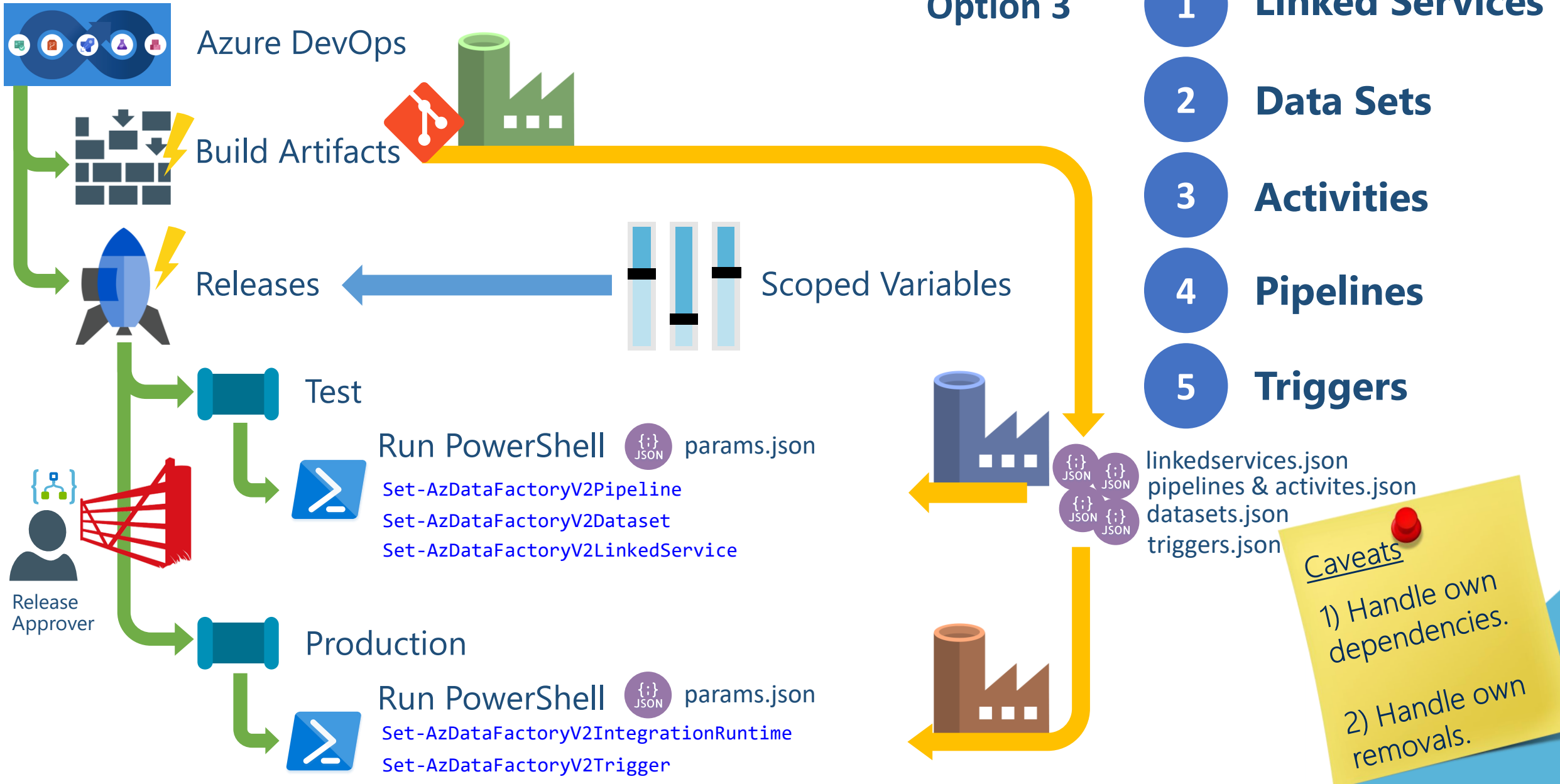
Data Factory Continuous Delivery



Data Factory Continuous Delivery



Data Factory Continuous Delivery - Bonus Option 3



Data Factory DevOps Summary

What is your code branching strategy?



Which source control tool to use?



How many environments do we want?



What deployment method do we want to use?



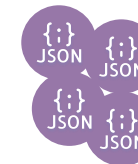
What built artefacts are we going to use?...

OR

How much control do you want?



ARMTemplate
ForFactory.json



linkedservices.json
pipelines & activities.json
datasets.json
triggers.json

Thank you for listening...

Paul Andrew



altius  PASS

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GitHub: github.com/mrpaulandrew