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CDK Deep Dive

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Community Day 2019
Sponsors





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Living in Bavaria, working in the cloud

- Platform Architect at Rio | The Logistics Flow
- AWS Container Hero
- Blogger



THE LOGISTICS FLOW.





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Cloud Evangelist

- Cloud Consultant, CEO at Taimos
- AWS Community Hero
- UserGroup leader



Taimos



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Code Samples:

<https://github.com/pgarbe/cdk-deep-dive-examples>



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Q: What migration strategies are available?



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Q: How can I use existing resources?



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Q: How to apply X to many resources?



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Q: What is the CDK context?



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Q: How can I deploy multiple environments?



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Q: How can I deploy my Lambda code?



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Q: How can I deploy files to S3?



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Q: How can I deploy my Container Images?



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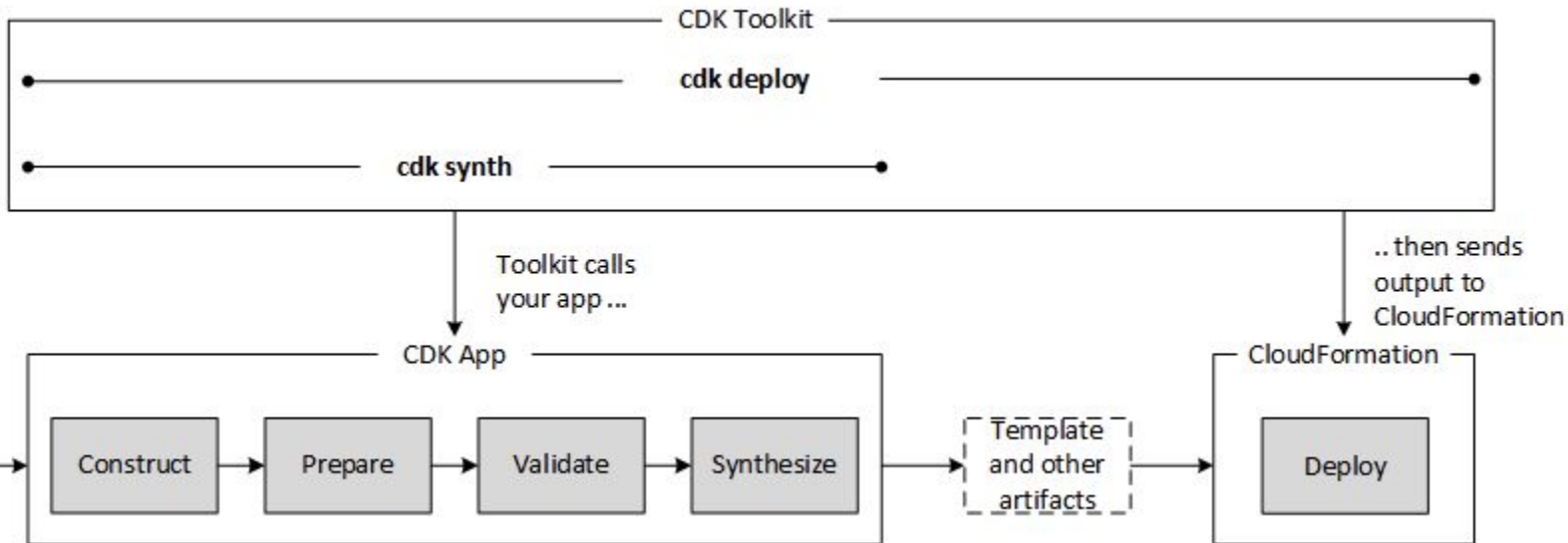
Q: How to use CDK in delivery pipelines?



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cdk synth



Cloud Assembly
(cdk.out folder)



cdk package



s3://template-url



aws cloudformation deploy



CloudFormation
Stack





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Q: How to fill gaps of not supported CFN resources?



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- [@aws-cdk/aws-cloudformation/CustomResource](#)
 - Used for custom logic
 - Provide your own lambda function
- [@aws-cdk/custom-resources/AwsCustomResource](#)
 - Fill gaps of not supported resources



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Q: How can I create my own CDK Library?



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Questions and Feedback?



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