

Agenda



Three pillars of software development



Why did we build a new IDE?



AWS Cloud9 benefits

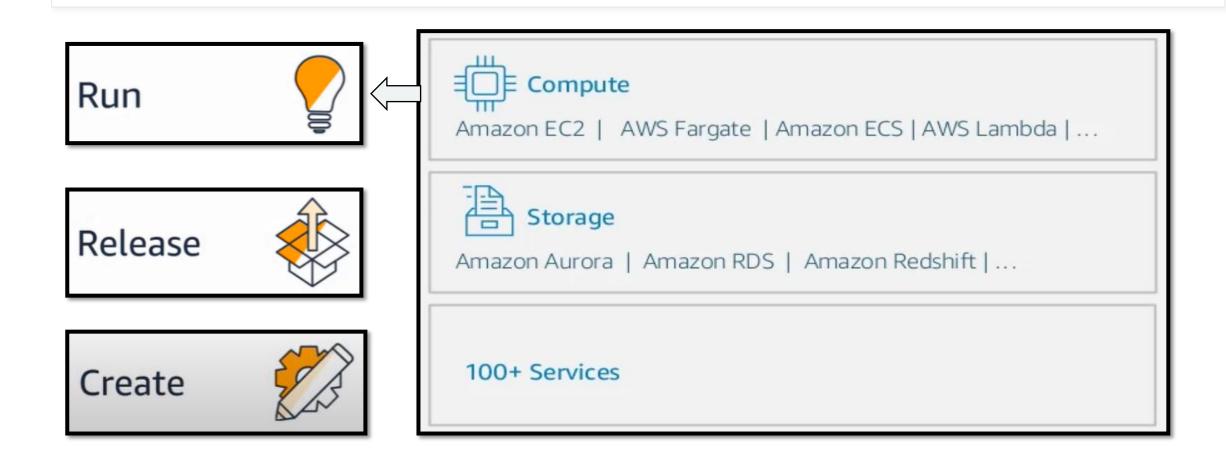


Demo

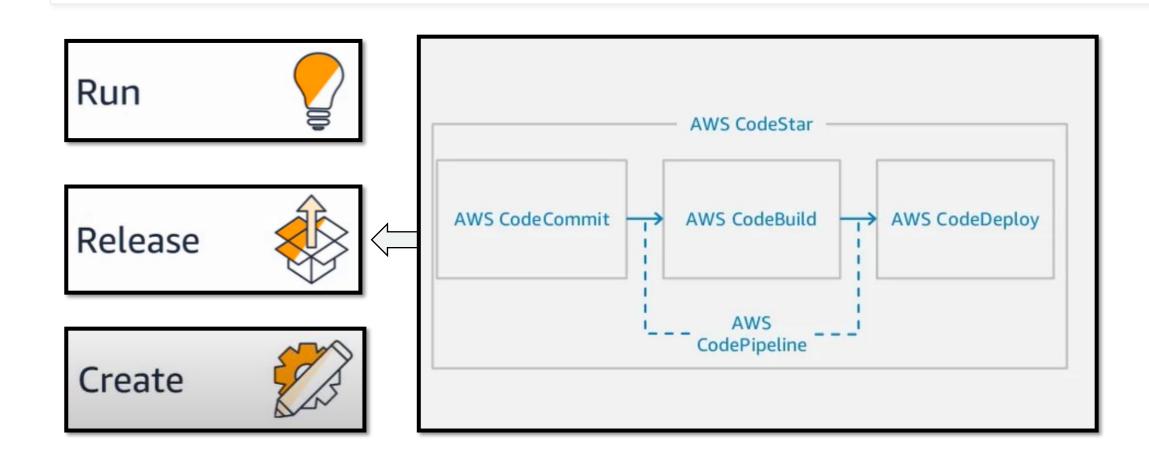


Region Availability

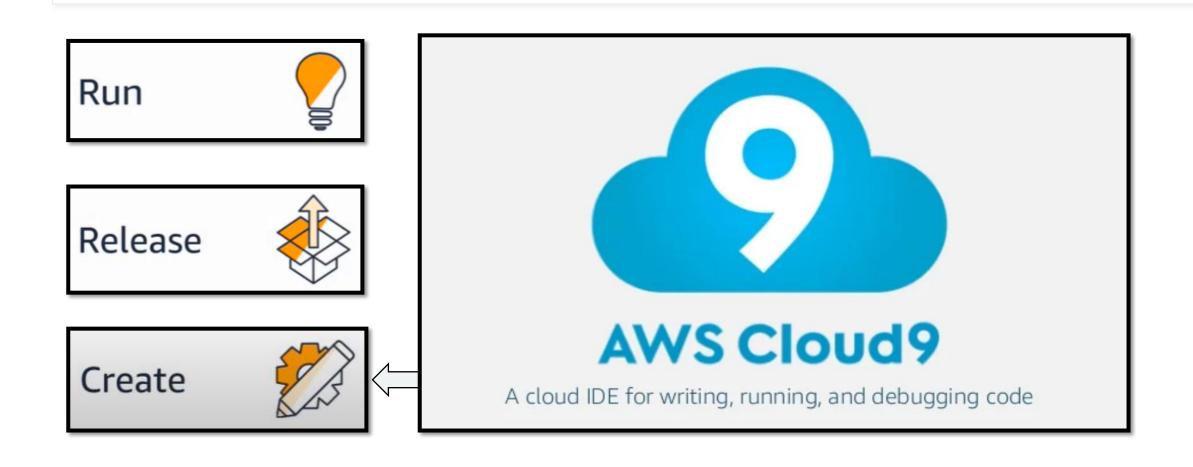
Three pillars of software development



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Three pillars of software development





Why did we create a new IDE?

1. Developers are building for the cloud but use local machines

PAIN POINTS

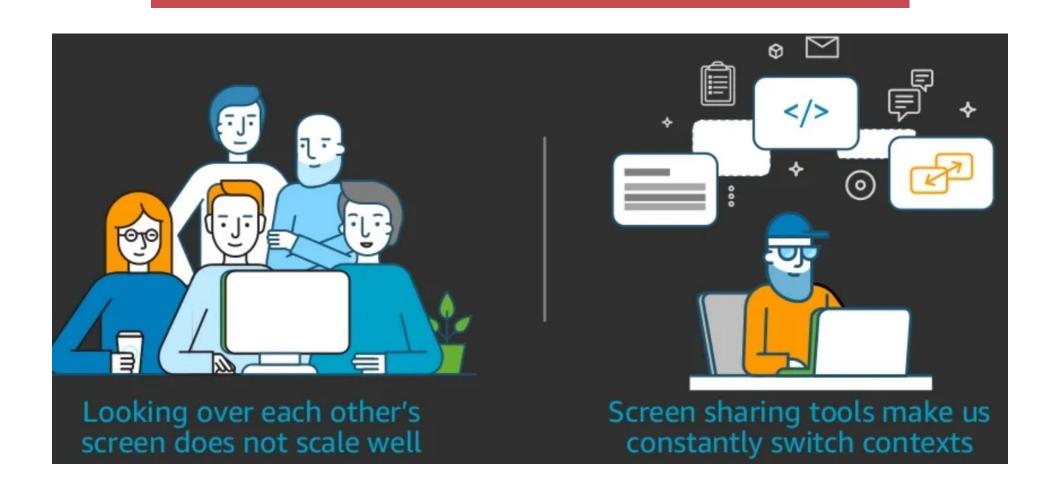
- Rely on local machine's hardware/configuration
- Hard to multitask on various projects
- Difficult to work from multiple locations



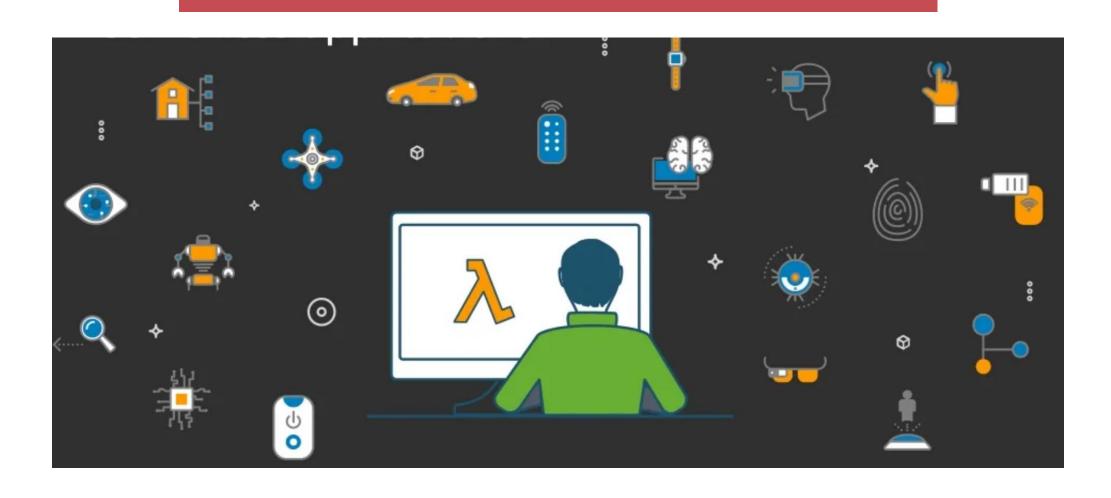
2. Cumbersome to setup development environment



3. Developers need an easy way to collaborate on code



4. IDEs have not caught up to needs of serverless applications



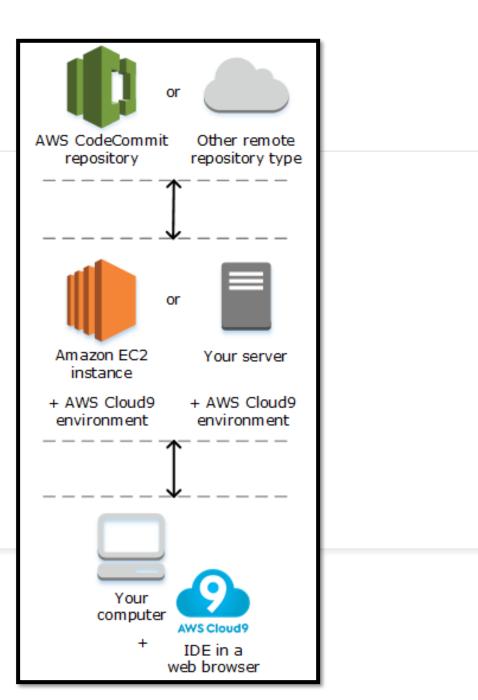
Introducing...

- Code with just a browser
- Start new projects quickly
- Code together in real time
- Build serverless applications with ease
- Direct terminal access to **AWS** services





Architecture







```
Goto Run Tools Window Support Preview D Run
                                                                                                       A R 6 Share
· index.js
  90 };
                                                                                                                  RW
                                                                                  aaron (online)
  92 const handlersp = {
                                                                                                                  RW
                                                                                 rob (online)
           'LaunchRequest': function () {
                                                                                 ▼ Group Chat
              this.emit('GetFact');
          'GetNewFactIntent': function () {
                                                                                             modified by ReadWrite members.
              this.emit('GetFact');
  99
 100
 101
 102
           'GetFact': function () {
 103
              // Get a random space fact from the space facts list
 104
               // Use this.t() to get corresponding language data
 105
              const factArr = this.t('FACTS');
              const factIndex = Math.floor(Math.rancom() * factArr.length);
 106
               const randomFact = factArr[factIndex];
                                                                                 Looks ok. I don't see my Star trek facts though 😁
 108
 109
               // Create speech output
               const speechOutput = this.t('GET_FACT_MESSAGE') + randomFact;
               this.emit(':tellWithCard', speechOutput, this.t('SKILL_NAME'),
           'AMAZON.HelpIntent': function () {
              const speechOutput = this.t('HELP_MESSAGE');
              const reprompt = this.t('HELP_MESSAGE');
 115
 116
               this.emit(':ask', speechOutput, reprompt):
```



https://docs.aws.amazon.com/cloud9/latest/user-guide/aws-cloud9-ug.pdf



Thank You!

