

Create a Custom Domain Name



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- This is optional, if you don't want to purchase custom domain name
 - Share the **generated** AWS domain name with friends / employers
 - **Generated** AWS domain name is free ... no charge





spring-crm.us-east-xxx.elasticbeanstalk.com



spring-crm.us-east-xxx.elasticbeanstalk.com

We configured
this part



spring-crm.us-east-xxx.elasticbeanstalk.com

We configured
this part

AWS generated
this part



spring-crm.us-east-xxx.elasticbeanstalk.com



<< your domain name >>



mysupercoolsspringapp.com



mysupercoolsspringapp.com



List Customers

Not Secure | www.mysupercoolspringapp.com

CRM - Customer Relationship Manager

Add Customer

First Name	Last Name
David	Adams
Maxwell	Dixon
John	Doe
Mary	Public

Our own
custom domain name

A screenshot of a web browser window titled "List Customers". The address bar shows "Not Secure | www.mysupercoolspringapp.com". The main content area has a green header with the text "CRM - Customer Relationship Manager". Below the header is a button labeled "Add Customer". The main content area displays a table with two columns: "First Name" and "Last Name". The data rows are: David Adams, Maxwell Dixon, John Doe, and Mary Public.

First Name	Last Name
David	Adams
Maxwell	Dixon
John	Doe
Mary	Public

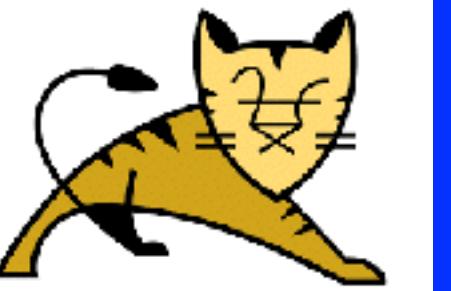
Our App Architecture

Our App Architecture

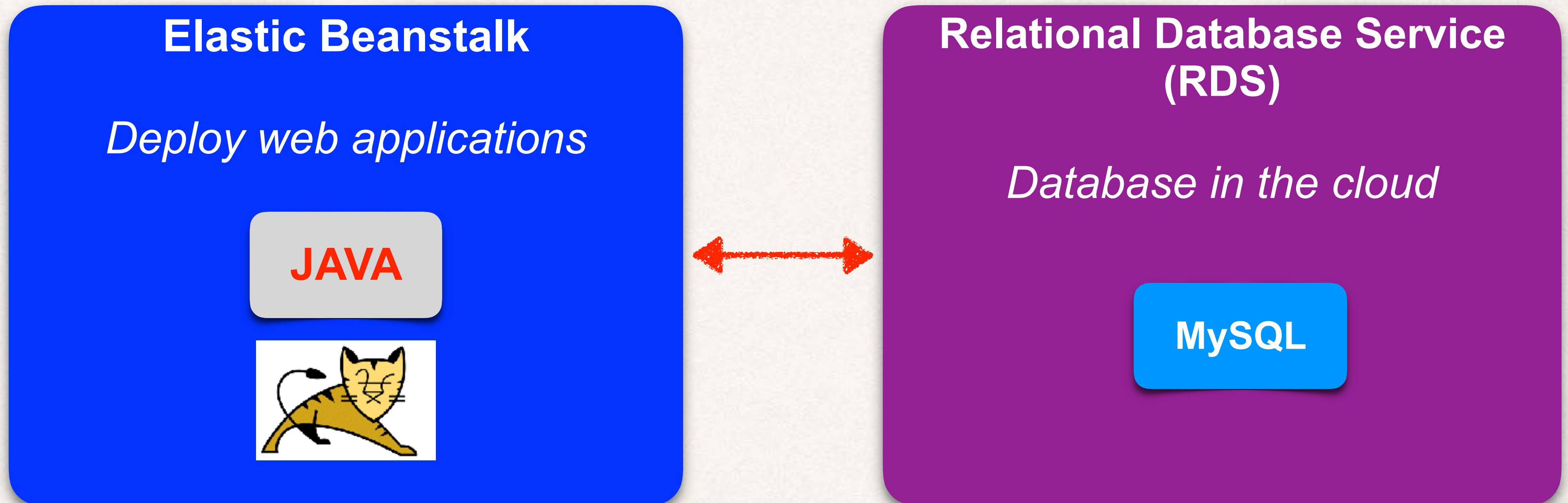
Elastic Beanstalk

Deploy web applications

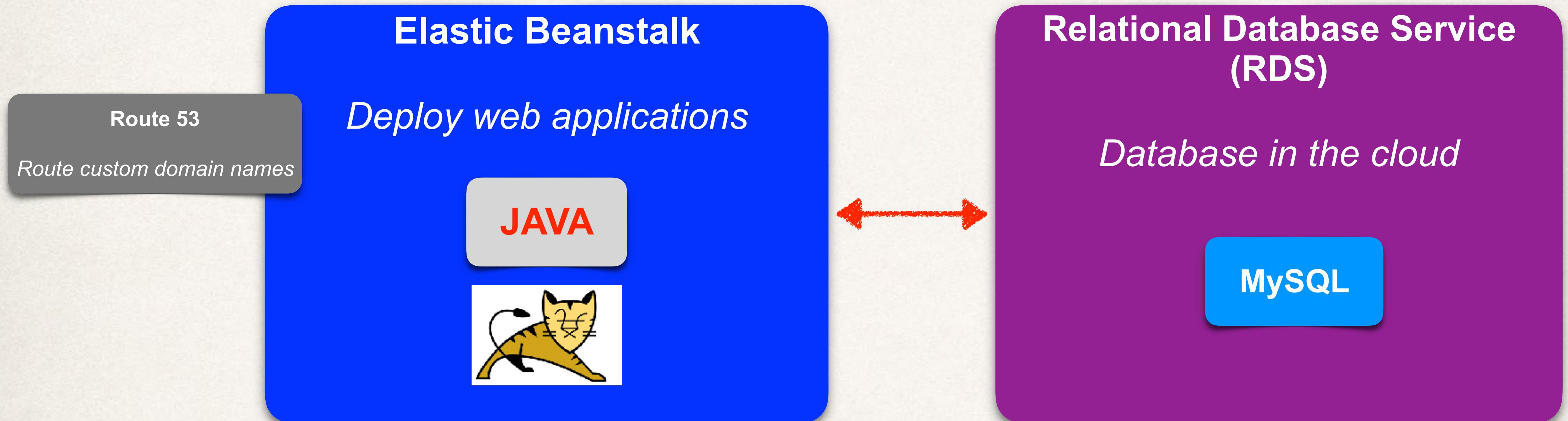
JAVA



Our App Architecture



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Route 53



Route 53



- Routes your custom domain name to your app on AWS

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- Send www.mysupercoolspringapp.com to your AWS app

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- Send www.mysupercoolapp.com to your AWS app
- This is the AWS Domain Name System (DNS)

Route 53

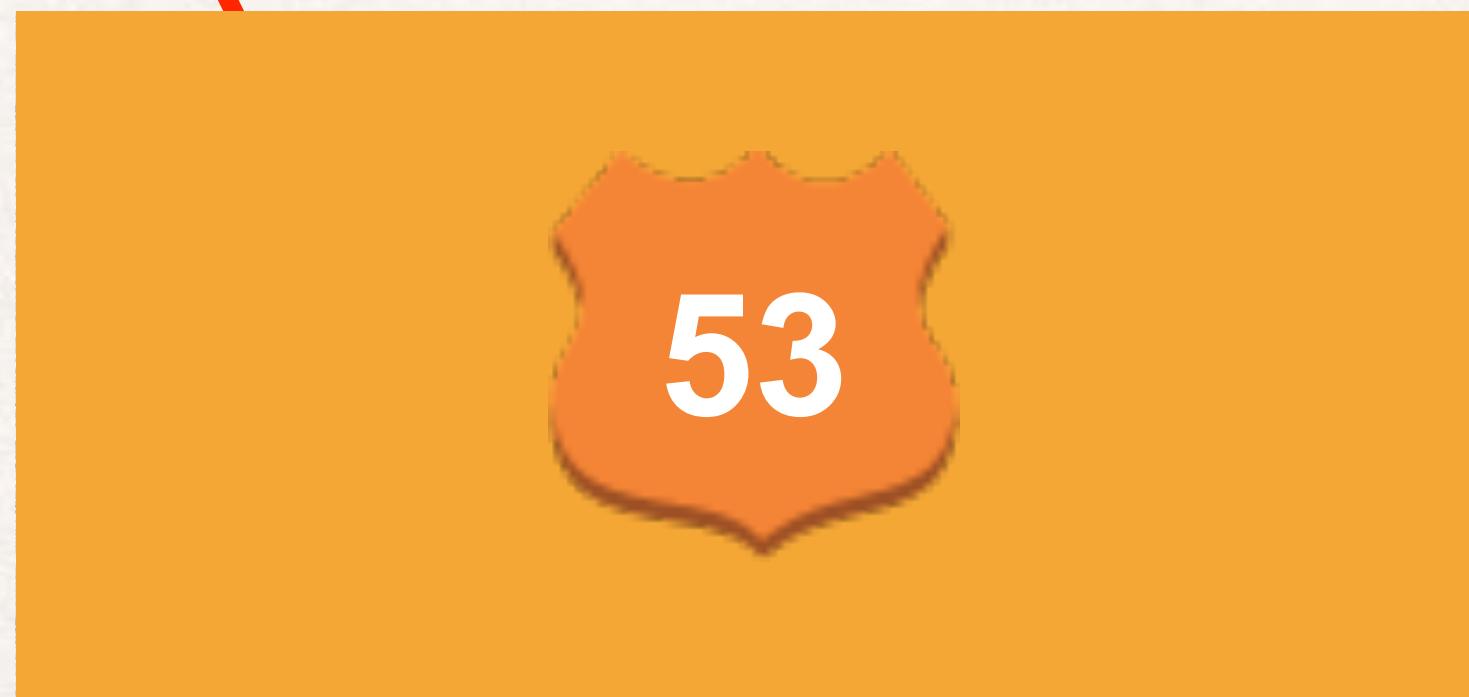


- Routes your custom domain name to your app on AWS
- Send www.mysupercoolpringapp.com to your AWS app
- This is the AWS Domain Name System (DNS)
- Trivia: Why the number 53? It is the default port # for name servers :-)

www.mysupercoolspringapp.com

spring-crm.us-east-xxx.elasticbeanstalk.com

www.mysupercoolspringapp.com



spring-crm.us-east-xxx.elasticbeanstalk.com

User enters this in web browser

www.mysupercoolspringapp.com

53

spring-crm.us-east-xxx.elasticbeanstalk.com

User enters this in web browser

www.mysupercoolspringapp.com

53

Route 53 has an alias for our
Elastic Beanstalk app

spring-crm.us-east-xxx.elasticbeanstalk.com

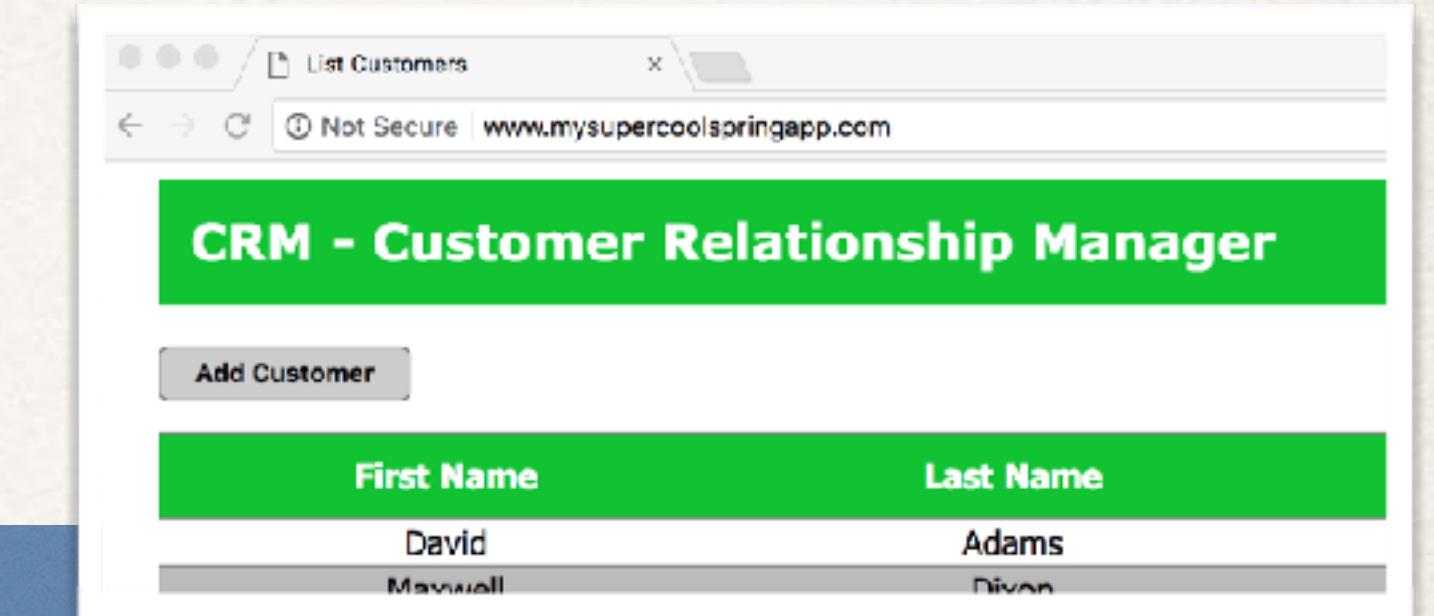
User enters this in web browser

www.mysupercoolspringapp.com



spring-crm.us-east-xxx.elasticbeanstalk.com

Route 53 has an alias for our
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Route 53 Documentation

Route 53 Documentation

<https://aws.amazon.com/documentation/route53>

Development Process

Step-By-Step

Development Process

Step-By-Step

1. Register your domain name on AWS - \$12 USD annually

Development Process

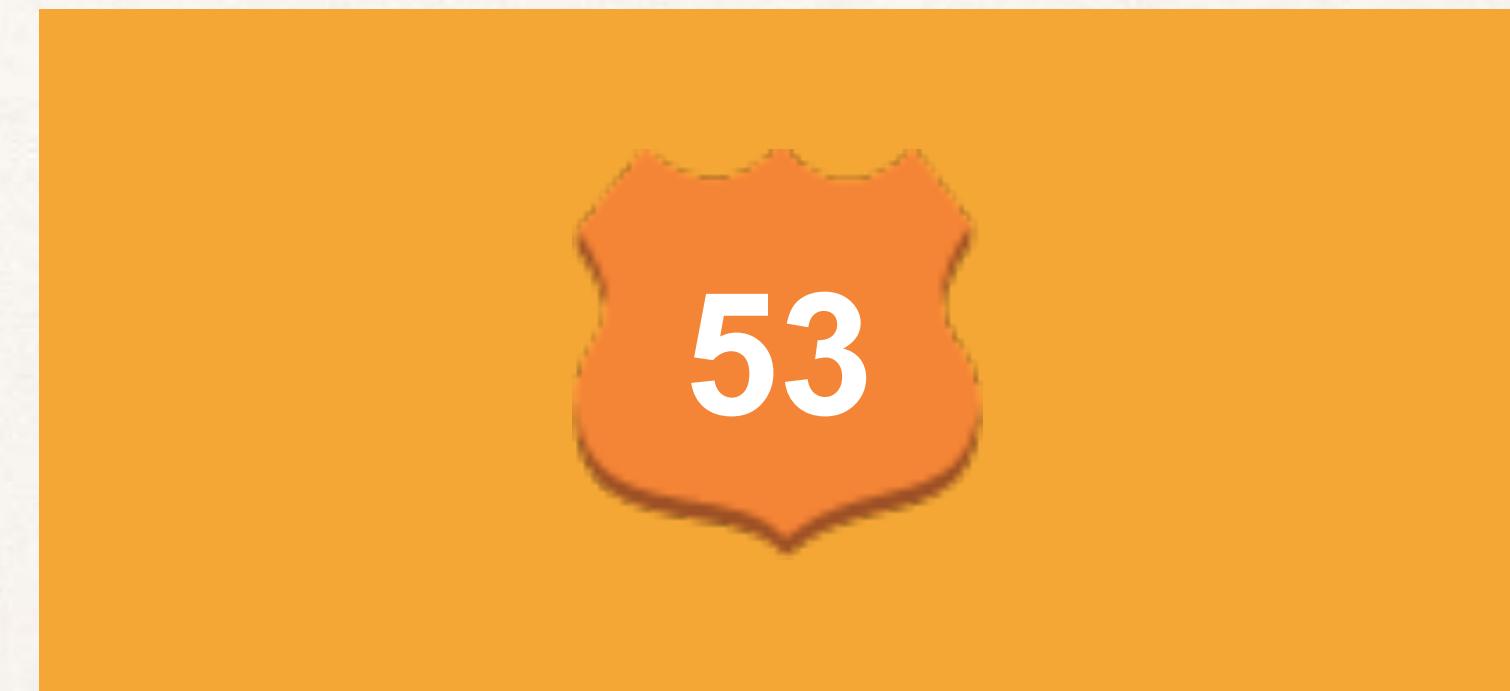
Step-By-Step

1. Register your domain name on AWS - \$12 USD annually
2. AWS will perform the registration ... can take up to 3 days

Development Process

Step-By-Step

1. Register your domain name on AWS - \$12 USD annually
2. AWS will perform the registration ... can take up to 3 days
3. Configure domain name to point to your Elastic Beanstalk app



spring-crm.us-east-xxx.elasticbeanstalk.com

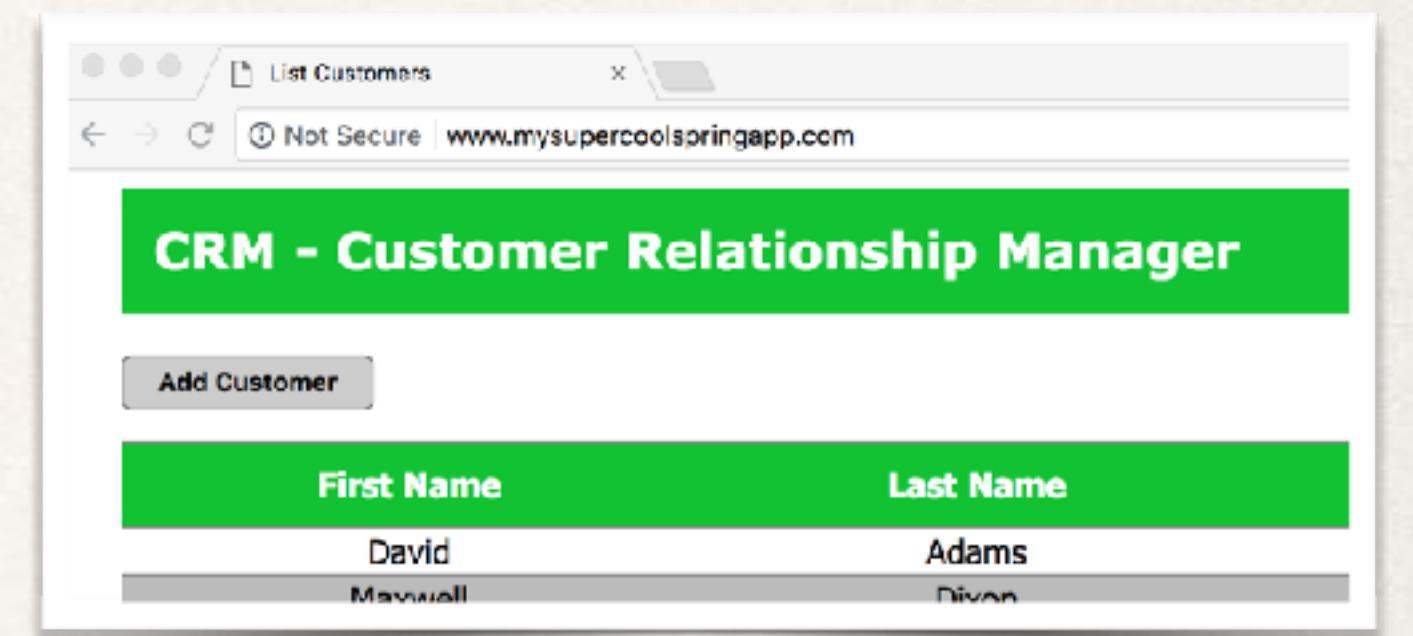
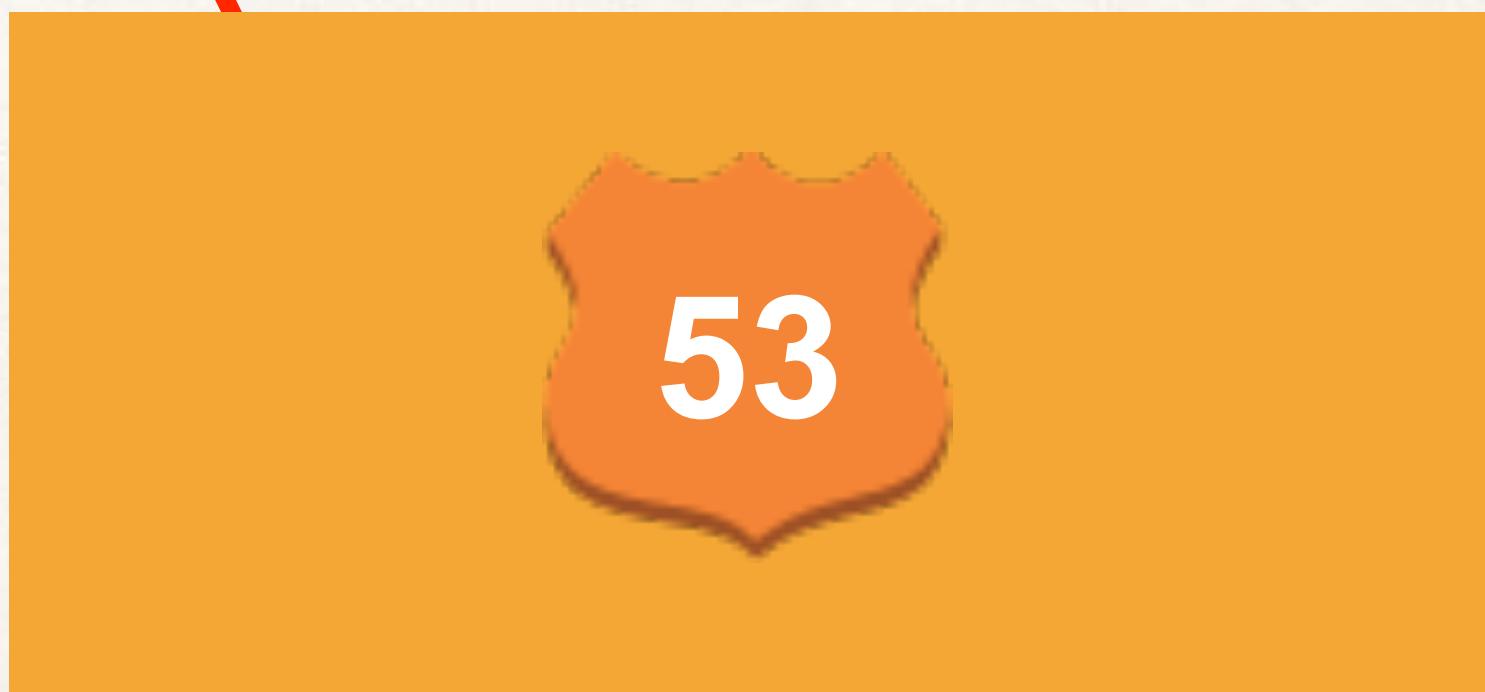
www.mysupercoolspringapp.com



53

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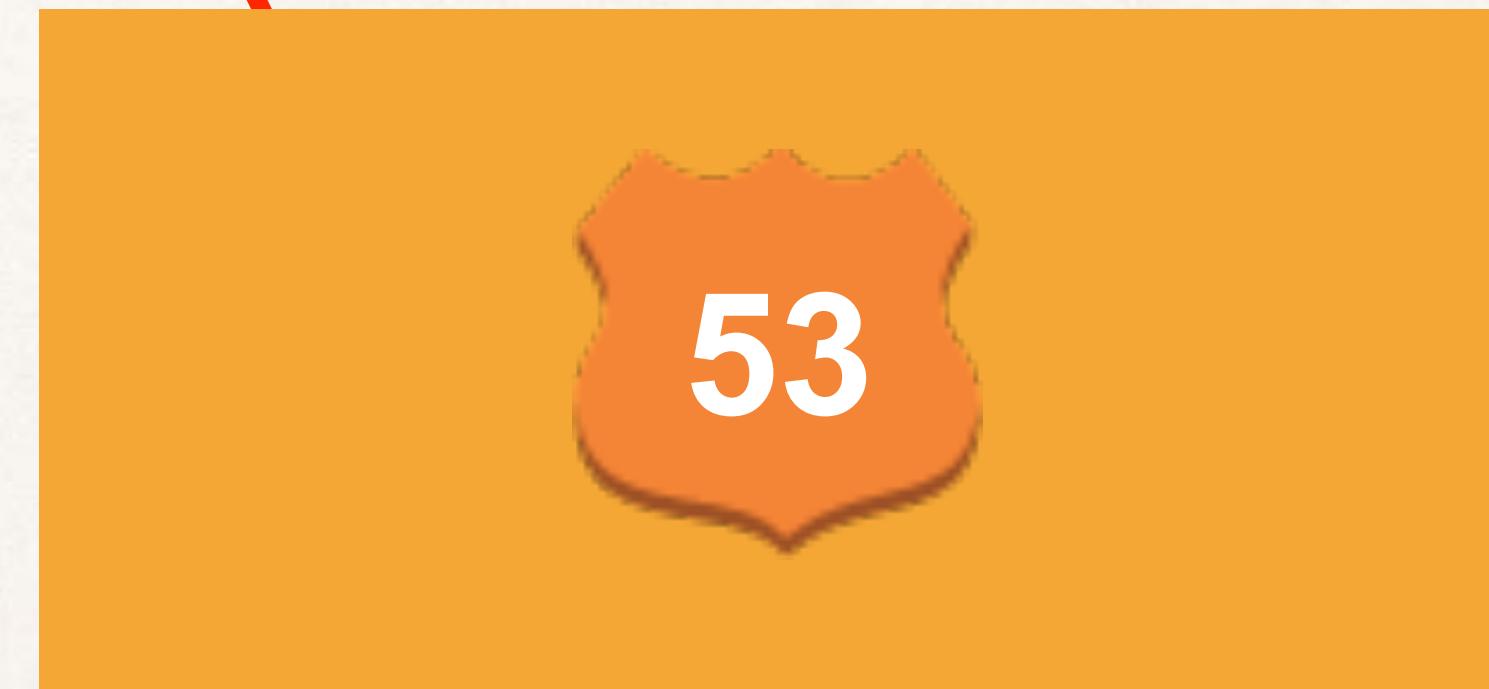
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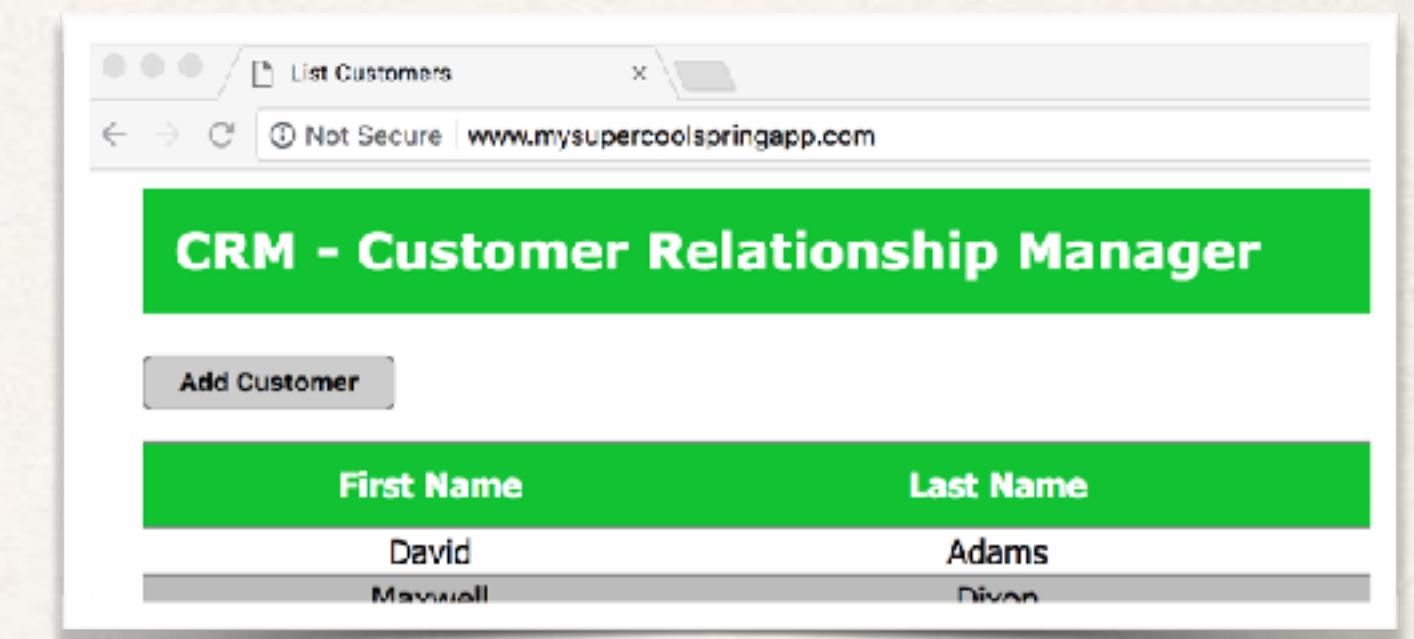
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mysupercoolspringapp.com

www.mysupercoolspringapp.com

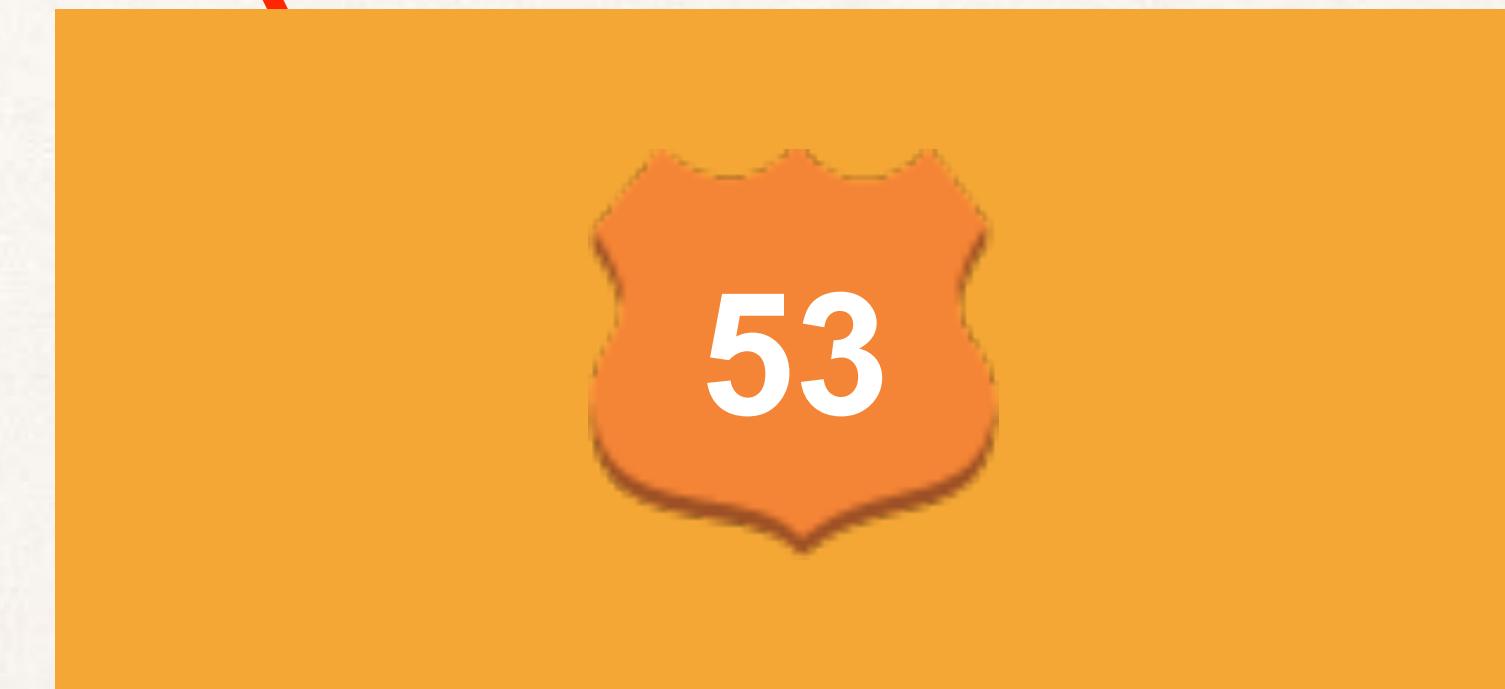


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An alias to redirect to our
www. domain

