# 10-minute Quick start: Increase Pull Request confidence using Dev Spaces

Dev Spaces from Azure provides a workflow using GitHub Actions that allows you to test changes from a pull request directly in Azure Kubernetes Service before the pull request is merged into your repository’s main branch. Having a running application to review changes of a pull request increases the confidence of both the developer as well as team members. This running application can also help team members such as, product managers and designers, become part of the review process during early stages of development.

**Identify what needs to be changed**

1. Navigate to the *BikeSharingApp* in your web browser by visiting: *aka.ms/bikesharingapp*
2. Sign in with user Aurelia Briggs.
3. Click on a Bike to rent.
4. Notice the image is using a static placeholder.  
     
   A screenshot of a cell phone

   Description automatically generated
5. We are going to update that image to use a picture of the actual bike.

**Modify the code and create a pull request**

Navigate to *the BikeSharingApp* repository in GitHub by visiting***:*** *aka.ms/bikesharingrepo*

1. In the GitHub repo, navigate to the *Bikes* directory.
2. Edit the file *server.js*:

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1. Remove line 232 and 233:

// Hard code image url \*FIX ME\*

theBike.imageUrl = "/static/logo.svg";

1. The section should now look like:

var theBike = result;

theBike.id = theBike.\_id;

delete theBike.\_id;

1. At the bottom of the page, select *Create a new branch for this commit and start a pull request*.
2. Enter the branch name as *<your\_initials>-bike-image-fix*  
     
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3. Click *Propose file change*.
4. On the next page, Click *Create pull request.*

**Verify your GitHub Action has started**

1. After your pull request is opened, navigate to the Actions tab and verify a new action has started building your Bikes service which includes the changes from your pull request.  
     
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**Interact with your isolated sandbox environment that includes your pull request changes**  
  
Once the action has completed and your changes have been deployed to an isolated sandbox environment, navigate back to your open PR. There you will see a comment with a URL to your changes in the pull request.

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1. Navigate to the *bikesharingwe*b service by opening the URL from the comment. Select Aurelia Briggs (customer) as the user, then select a bike to rent. Verify you no longer see the placeholder image for the bike.
2. Notice your sandbox that contains your pull request changes has not affected your main namespace running the entire application.

Watch the full keynote at aka.ms/AppDev2019