

# A Browser-based IDE for Cloud-hosted GemStone

James Foster

Assistant Professor of Computer Science

ESUG 2018



**GEMTALK**  
SYSTEMS

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VP of Finance and Operations  
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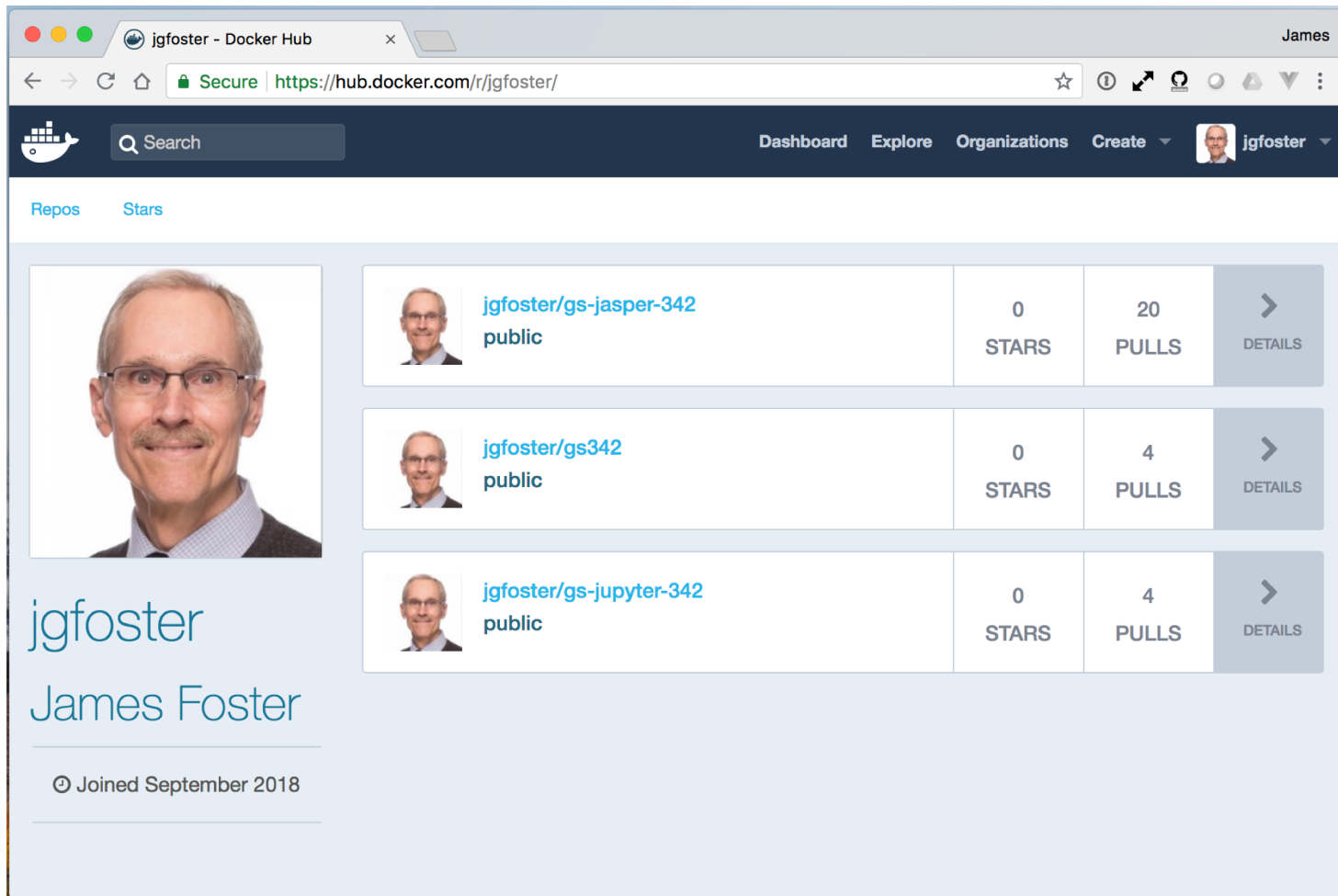
# Agenda

- **Introduction**
- Windows Subsystem for Linux
- Docker
  - GemStone
  - Topaz on Jupyter
  - Jasper
- Cloud
- Questions

# Window Subsystem for Linux

- <https://docs.microsoft.com/en-us/windows/wsl/install-win10>
- <https://programminggems.wordpress.com/2018/08/27/gemstone-s-64-bit-on-windows-10/>
- <https://www.youtube.com/watch?v=bvRwNIQ0sGA&feature=youtu.be>

# https://hub.docker.com/r/jgfoster/



The screenshot shows a web browser window displaying the Docker Hub profile for user 'jgfoster'. The browser address bar shows the URL 'https://hub.docker.com/r/jgfoster/'. The page header includes navigation links for 'Dashboard', 'Explore', 'Organizations', and 'Create', along with a search bar and the user's name 'jgfoster'. The main content area features a profile card for 'jgfoster' (James Foster) on the left, which includes a profile picture, the name 'jgfoster', the full name 'James Foster', and the join date 'Joined September 2018'. To the right of the profile card is a table listing the user's repositories.

Repository	Stars	Pulls	Details
<a href="#">jgfoster/gs-jasper-342</a> public	0	20	<a href="#">DETAILS</a>
<a href="#">jgfoster/gs342</a> public	0	4	<a href="#">DETAILS</a>
<a href="#">jgfoster/gs-jupyter-342</a> public	0	4	<a href="#">DETAILS</a>

## Docker

- GemStone CE 3.4.2
- Topaz in Jupyter
- Jasper in the cloud

**Try it yourself!**

- `smalltalk.cs.wallawalla.edu`
- You have your own full GemStone environment!

# Questions?

**James G. Foster**

Vice President of Finance and Operations



**GemTalk Systems LLC**

**15220 NW Greenbrier Pkwy., Suite 240**

**Beaverton, Oregon, 97006**

**Voice & Fax: +1 503 766 4714**

**[james.foster@gemtalksystems.com](mailto:james.foster@gemtalksystems.com)**

**[www.gemtalksystems.com](http://www.gemtalksystems.com)**