

The Hubzero logo is displayed in a bright green color. The word "hubzero" is in a lowercase, sans-serif font. The "h" and "b" are connected, and the "z" is stylized with a curved bottom. A registered trademark symbol (®) is located to the upper right of the "o".

# hubzero<sup>®</sup>

*Science Gateway Platform*

*Erich Huebner, Gateway Community Manager*

*Shawn Rice, Software Development Manager*

*Michael Zentner, Director*

# *Functionally*

*Community  
Interaction*

*Knowledge  
Dissemination*

**hubzero**


*Resource, Data, Analytics &  
Application Sharing*



# *As a Software Stack*



# As a Service Provider



Bring your science  
to the web

## No Hassle Hosting

- Cost effective
- Continuous upgrades
- Continuous security monitoring
- Continuous patching
- Dedicated community manager representative

## Sponsored Research Projects

- Have HUBzero be part of your team
- New capability development
- Intellectual contribution
- Broader impact

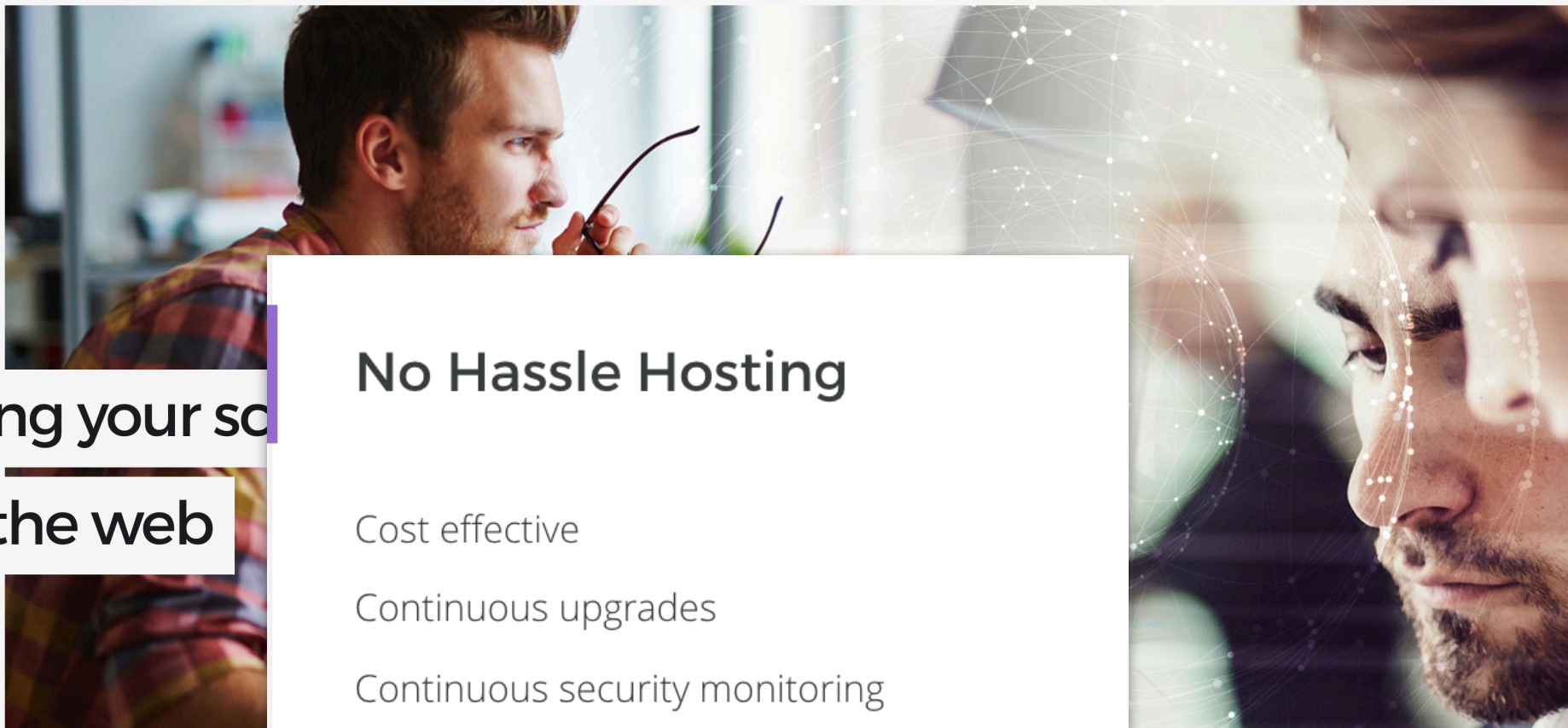
## Foundation Membership

- Dedicated consulting for running your own hub
- Preferential handling of tickets/issues
- Customized development
- Input for future capabilities

## Open Source

- No cost
- Modify the code yourselves
- Host on your machine





Bring your software  
to the web

## No Hassle Hosting

- Cost effective
- Continuous upgrades
- Continuous security monitoring
- Continuous patching
- Dedicated community manager representative

## Open Source

- No cost
- Modify the code yourselves
- Host on your machine

## No Hassle Hosting

- Cost effective
- Continuous upgrades
- Continuous security monitoring
- Continuous patching
- Dedicated community manager representative

- Intellectual contribution
- Broader impact

- Customized development
- Input for future capabilities

*No hassles for less  
than 1/3 FTE*



Bring your science  
to the web

## Sponsored Research Projects

Have HUBzero be part of your team

New capability development

Intellectual contribution

Broader impact

*IP creation*

### No Hassle Hosting

Cost effective

Continuous upgrades

Continuous security monitoring

Continuous patching

Dedicated community manager representative

### Sponsored Research Projects

Have HUBzero be part of your team

New capability development

Intellectual contribution

Broader impact

### Open Source

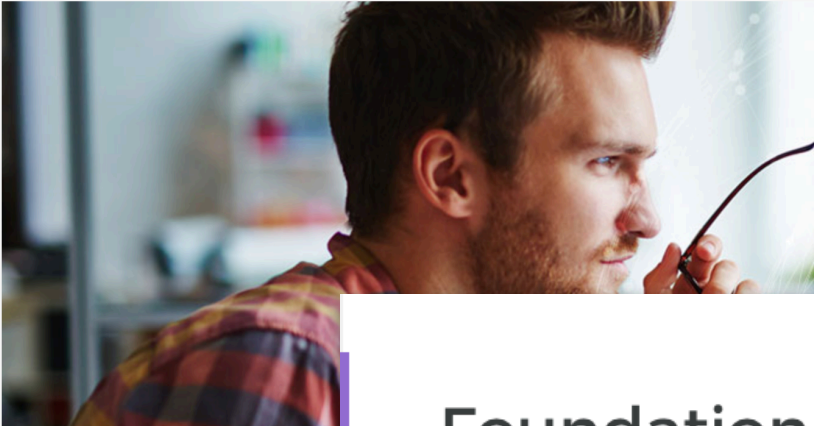
No cost

Modify the code yourselves


Host on your machine

Customized development

Input for future capabilities



Bring your science  
to the web



## Foundation Membership

Dedicated consulting for running your own hub

Preferential handling of tickets/issues

Customized development

Input for future capabilities

## Open Source

No cost

Modify the code yourselves

Host on your machine

*On the spot help*

## No Hassle Hosting

Cost effective

Continuous upgrades

Continuous security monitoring

Continuous patching

Dedicated community manager representative

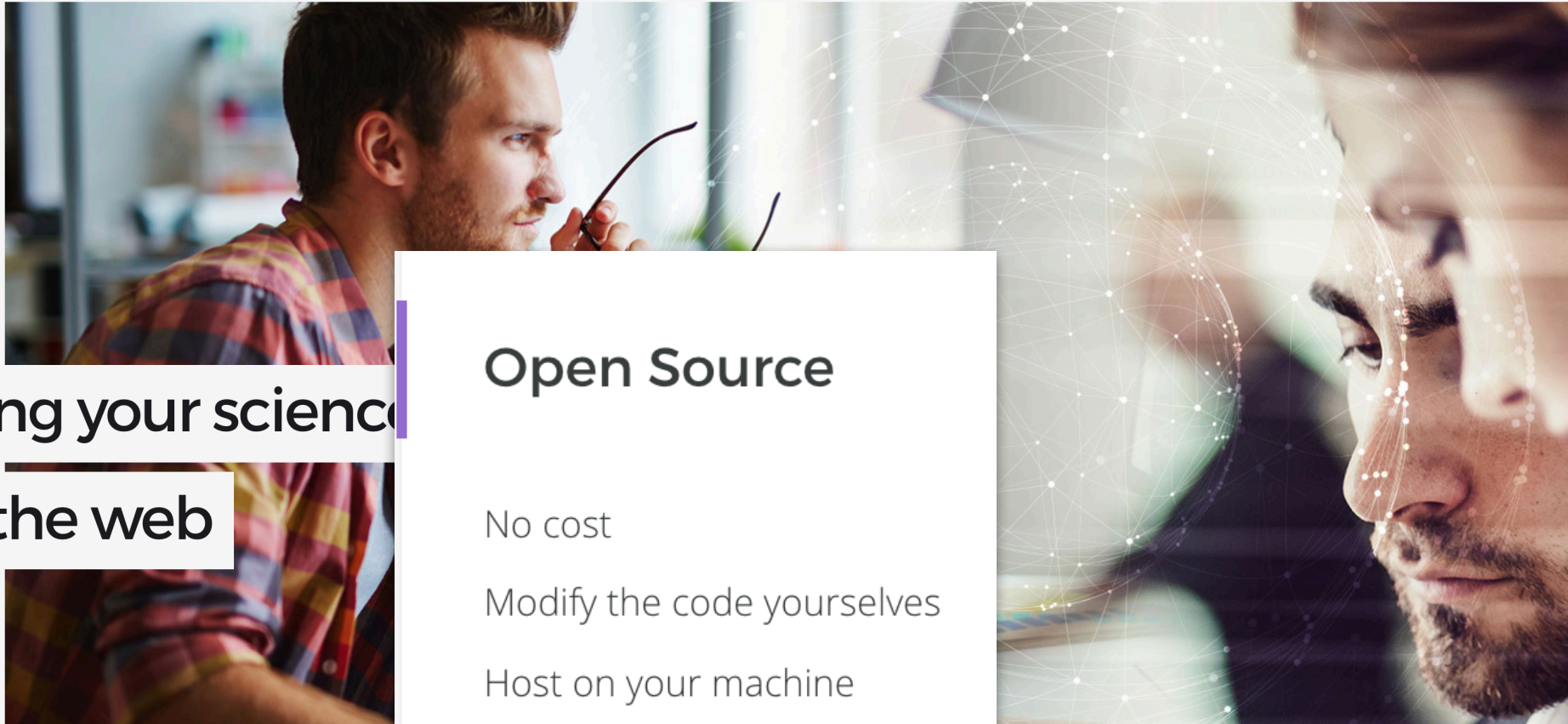
Intellectual contribution

Broader impact

Customized development

Input for future capabilities





Bring your science  
to the web

## Open Source

No cost

Modify the code yourselves

Host on your machine

## No Hassle Hosting

- Cost effective
- Continuous upgrades
- Continuous security monitoring
- Continuous patching
- Dedicated community manager representative

## Sponsor Project

- Have HUBzero
- New capability development
- Intellectual contribution
- Broader impact

## Partnership

- Bring your
- Issues
- Customized development
- Input for future capabilities

## Open Source

- No cost
- Modify the code yourselves
- Host on your machine

No cost





# Bring your science to the web

## No Hassle Hosting

- Cost effective
- Continuous upgrades
- Continuous security monitoring
- Continuous patching
- Dedicated community manager representative

## Sponsored Research Projects

- Invite Hubzero to participate on your team
- New capability development
- Intellectual contribution
- Broader impact

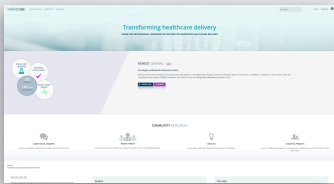
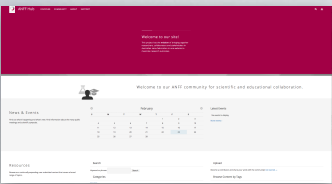
## Foundation Membership

- Dedicated consulting for running your community
- Preferential handling of tickets/issues
- Customized development
- Input for future capabilities

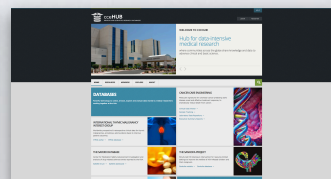
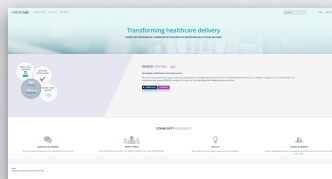
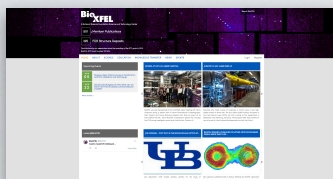
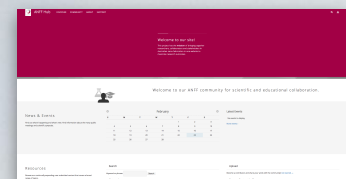
## Open Source

- No cost
- Modify the code yourself
- Host on your machine

**+ community management services**







COMPOSITES  
DESIGN &  
MANUFACTURING  
HUB

RESOURCES EXPLORE COMMUNITY SUPPORT

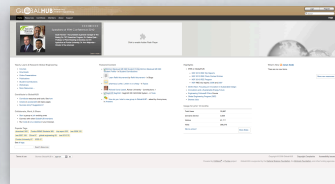
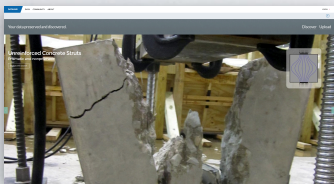
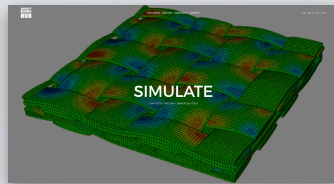
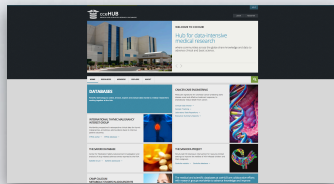
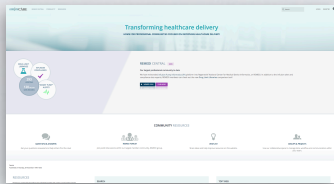
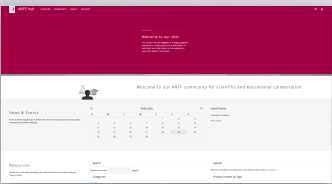
Login Sign Up Help Search

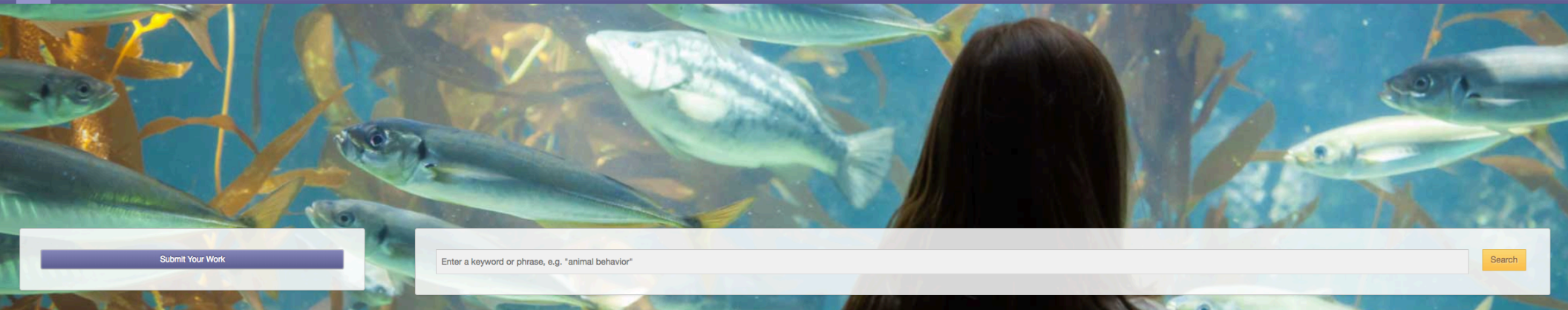
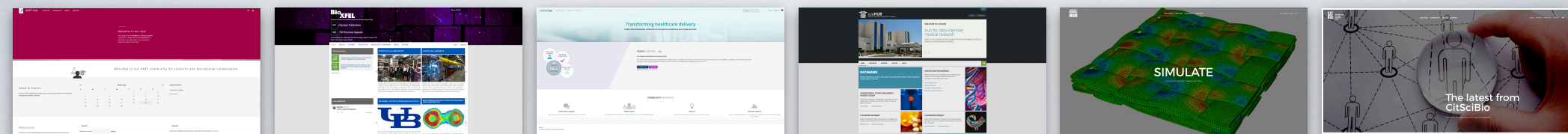
# SIMULATE

COMPOSITES APPS AND COMMERCIAL TOOLS

hubzero







[Submit Your Work](#)

Enter a keyword or phrase, e.g. "animal behavior" [Search](#)

#### Latest Discussions

Thanks, Linda, for chiming in! Juliann - you put you post up a couple of years ago. Do you...

by Nancy Parish-Plass

#### Latest Resource

Little Bit Therapeutic Riding Center

February 16th, 2018

#### Latest Blog

Founder of Forget Me Not Farm Carol Rathmann After spending over 20 years as a veterinary...

by Katie Carroll

#### Upcoming Events

Healing Walks on Four Legs: The Impact of Pet Therapy

FEB	Category
24	Conference

#### Latest News

**A horse trots into hospital It's therapy not a joke**

These horses and two others belong to the animal-assisted therapy group Mane in Heaven based in a suburb of Chicago. They have visited nursing

#### Subscribe to our newsletter

Email Address: REQUIRED

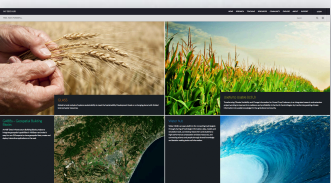
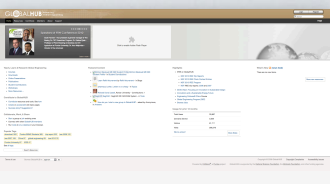
[Sign Up!](#)

#### See our Global Audience

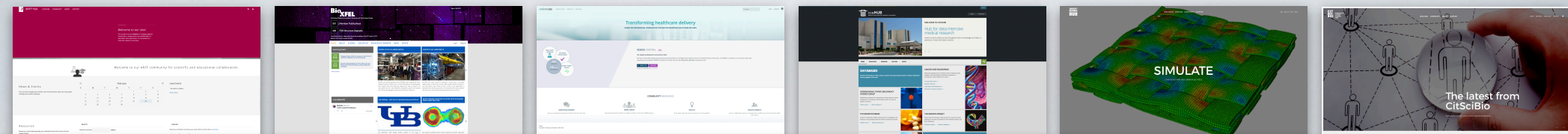


HABRI Central is made possible through a generous grant from the









[RESOURCES](#) [EXPLORE](#) [NANOHUB-U](#) [PARTNERS](#) [COMMUNITY](#) [ABOUT](#) [SUPPORT](#)

[Login](#) [Sign Up](#) [Help](#) [Search](#)

# SIMULATE

HUNDREDS OF CUTTING-EDGE TOOLS TO PROPEL YOUR RESEARCH

hubzero

# NANOHUB

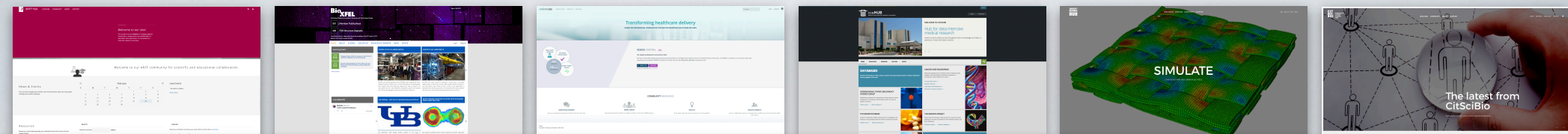


500+ Simulation Tools  
6100+ Other Resources  
3900+ Online Presentations  
700+ Teaching Materials  
35,000+ Students Reached

nanoHUB.org usage 2015-01-12 00:00:00







[RESOURCES](#) [EXPLORE](#) [NANOHUB-U](#) [PARTNERS](#) [COMMUNITY](#) [ABOUT](#) [SUPPORT](#)

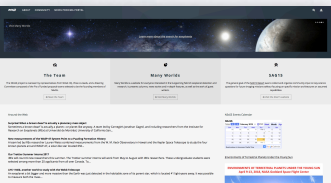
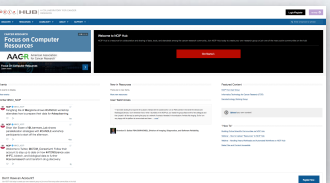
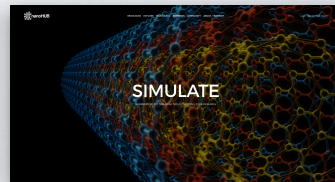
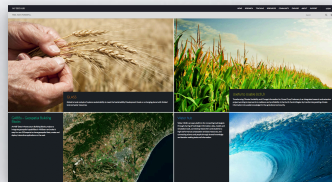
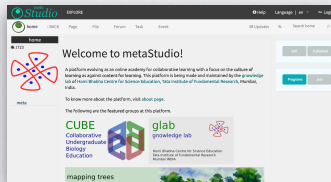
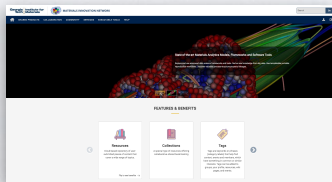
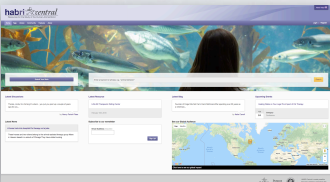
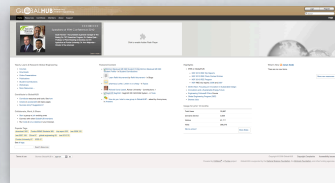
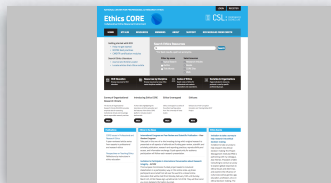
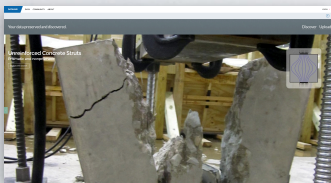
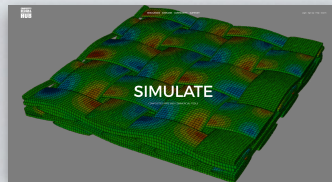
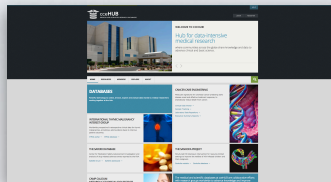
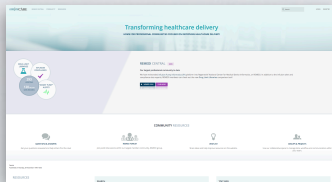
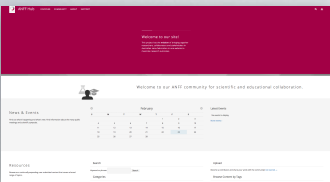
[Login](#) [Sign Up](#) [Help](#) [Search](#)

# SIMULATE

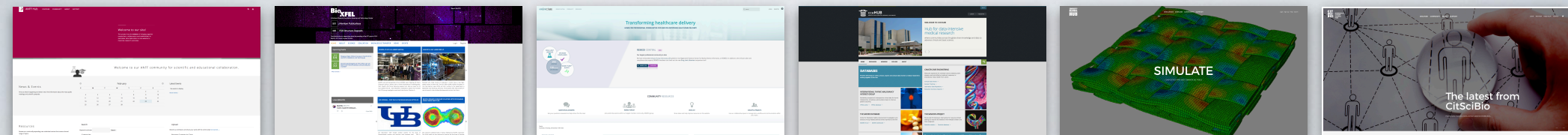
HUNDREDS OF CUTTING-EDGE TOOLS TO PROPEL YOUR RESEARCH

hubzero

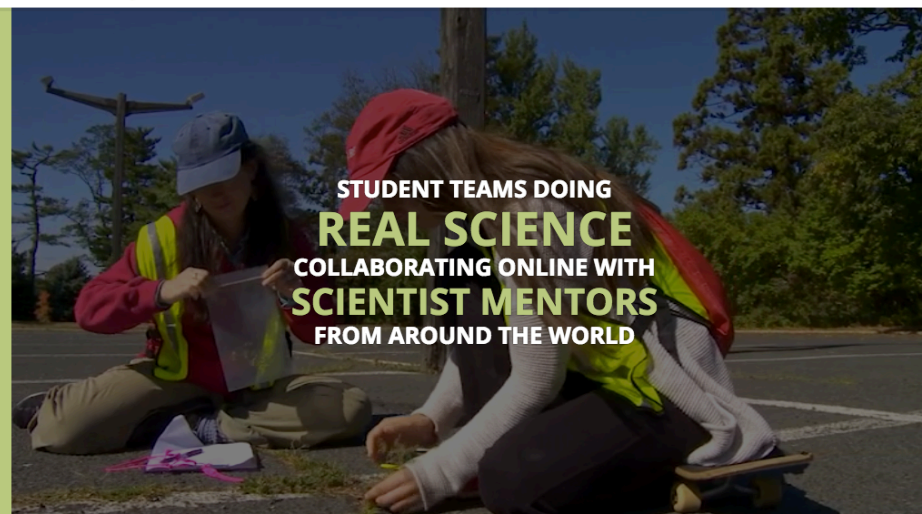








ABOUT PROJECTS TEACHERS SCIENTIST MENTORS STUDENTS DONATE



**Tweets by**  
@PlantingScience

PlantingScience Retweeted

**Amoeba Sisters**  
@AmoebaSisters

So many cells in the cross section of a 🌱.  
An Infocomm #scicomm #plants #amoebasisters

20 Feb 2018

Embed View on Twitter

**HELP US GROW!**

Your contribution at any level will go directly toward increasing capacity to serve more teachers and students and it will help to sustain the program. Get a print copy of the book *Inquiring About Plants: A Practical Guide to Engaging Science Practices* by Uno, Sundberg and Hemingway with a donation of \$30 or more.



**SEEKING MENTORS**

**We are looking for new mentors for our Spring 2018 Session.**

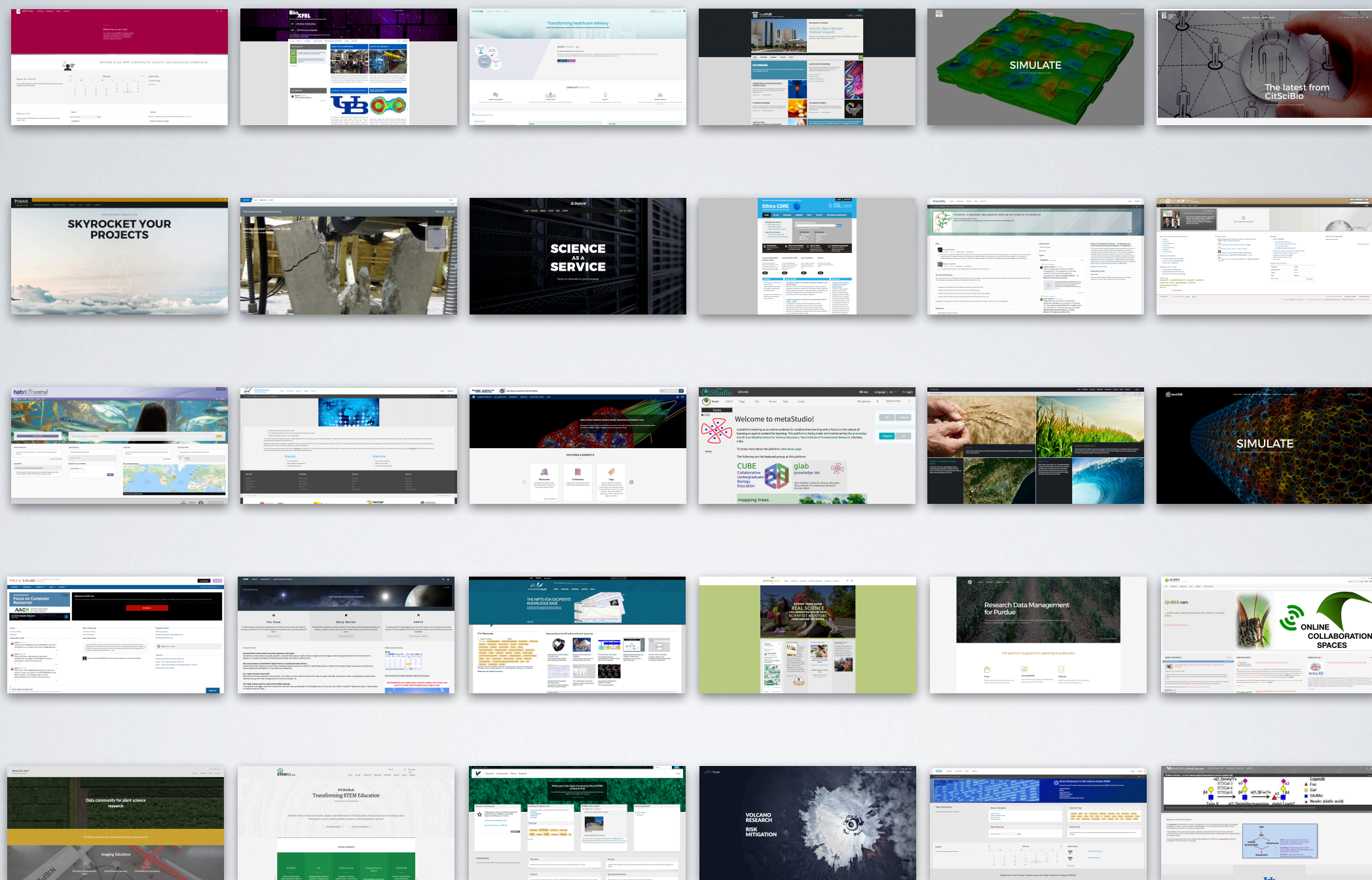
[Volunteer as a scientist mentor](#)

**Graduate students and post-docs:**

Consider joining our [Master Plant Science Team](#)

**FEATURED TEAMS STAR TEAMS**

Each week we feature some of the best projects of the current session here. Go to the [Star Projects Gallery](#) to see all the excellent work by star teams in past PlantingScience sessions.





# "Differing Personalities"

The image features a central logo for 'hubzero' in a bold, lowercase, sans-serif font. Four bright green rays originate from the center and extend outwards towards the corners of the frame. Each ray is flanked by a wider, semi-transparent blue band. The background is a dark, textured surface with a pattern of irregular, dark purple and blue shapes, resembling a honeycomb or cellular structure. The text 'Community Interaction' is positioned in the upper-left blue band, 'Knowledge Dissemination' is in the upper-right blue band, and 'Resource, Data, Analytics & Application Sharing' is in the lower-left blue band.

*Community  
Interaction*

*Knowledge  
Dissemination*

**hubzero**

*Resource, Data, Analytics &  
Application Sharing*



# EXPERTISE NEEDED

- Domain Scientists
- HPC & Middleware
- Security
- Web Design / Programming
- Analytics
- Hardware
- Production Operations
- Databases

# OH...AND MORE EXPERTISE NEEDED

- Domain Scientists
- HPC & Middleware
- Security
- Web Design / Programming
- Analytics
- Hardware
- Production Operations
- Databases



# OH...AND MORE EXPERTISE NEEDED

- Domain Scientists
- HPC & Middleware
- Security
- Web Design / Programming
- Analytics
- Hardware
- Production Operations
- Databases
- Financial Management
- Project Management
- Outreach
- Administrative
- Educational Specialists

*You cannot  
possibly afford all  
these people?*

# OH...AND MORE EXPERTISE NEEDED

- Domain Scientists
- HPC & Middleware
- Security
- Web Design / Programming
- Analytics
- Hardware
- Production Operations
- Databases
- Financial Management
- Project Management
- Outreach
- Administrative
- Educational Specialists

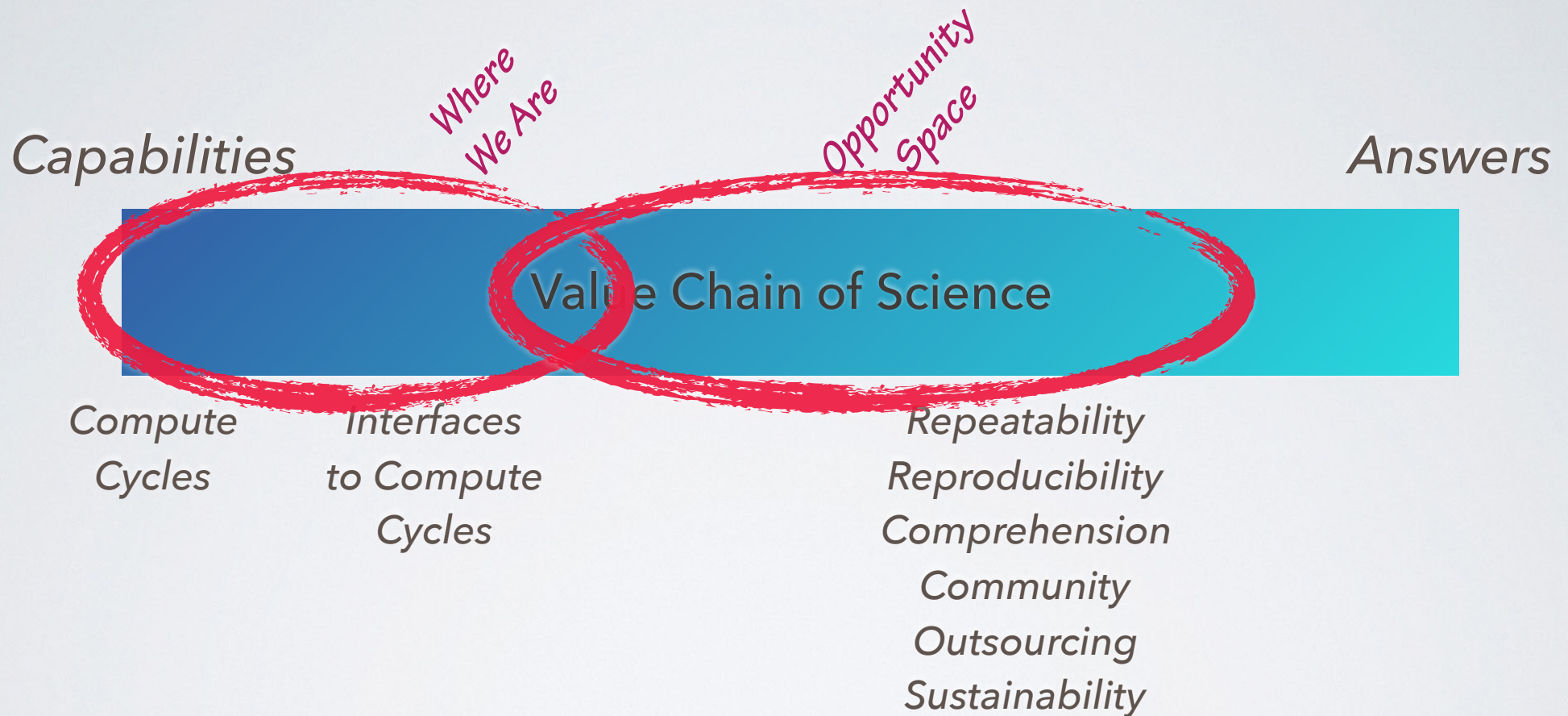
*You cannot  
possibly afford all  
these people?*

*Yes you can!*

*If you lever their  
skills across many  
projects.*



# WHAT'S NEXT?



# New Directions in Integrations



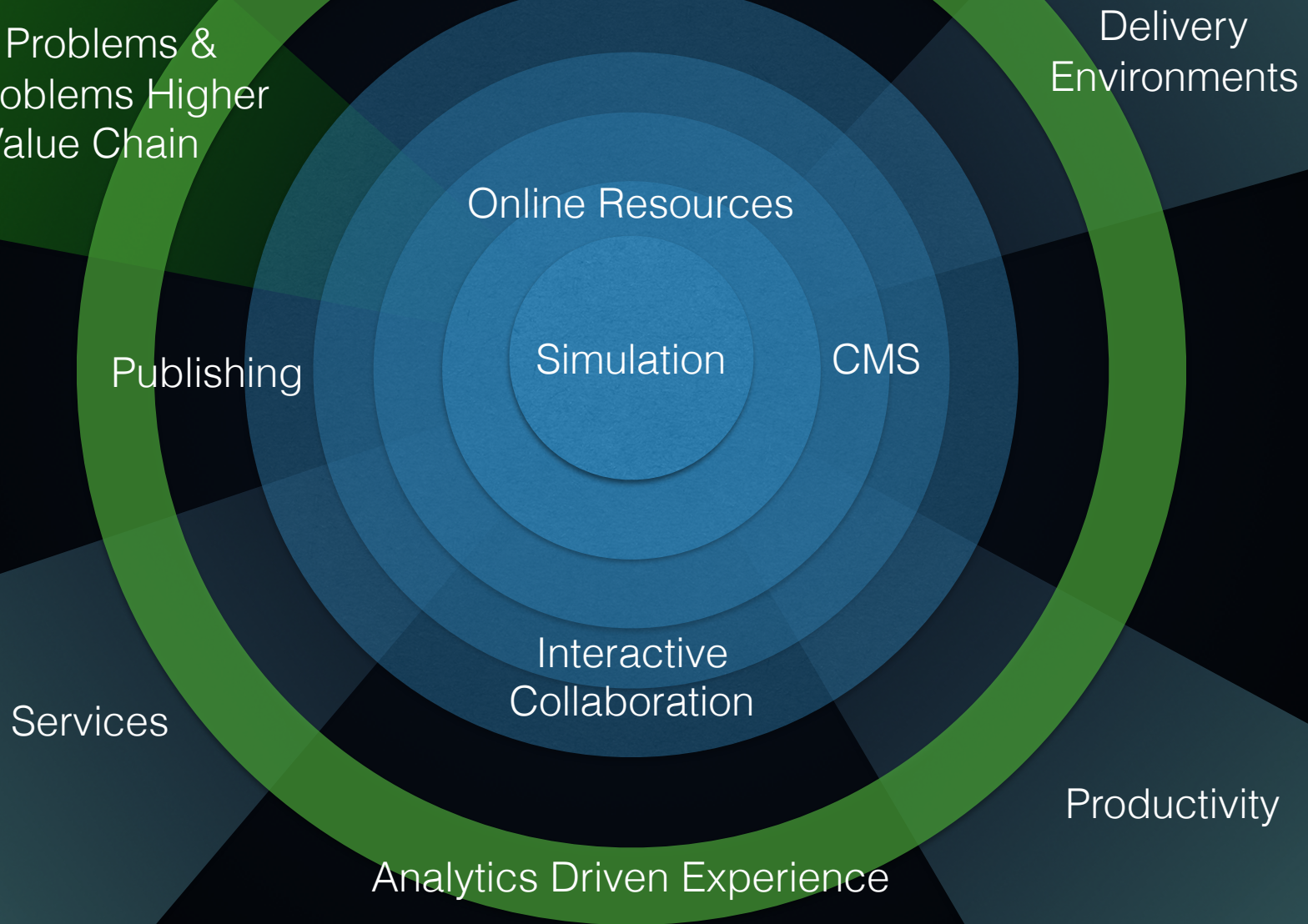


# Community Through Analytics



# Moving up the Value Chain

Business Problems &  
Technical Problems Higher  
Up the Value Chain





**SORRY, WE'RE CLOSED**

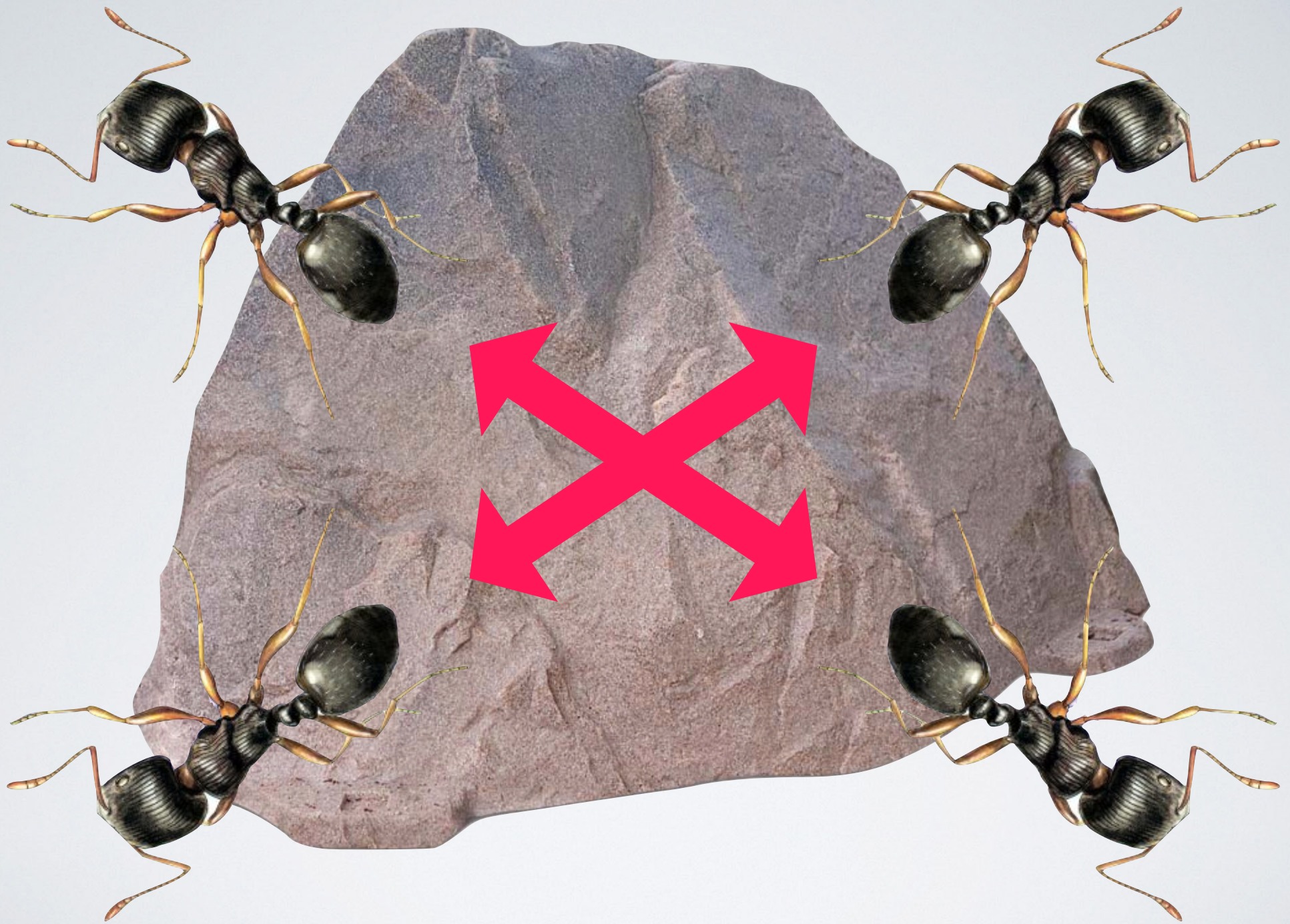
A man with long, wavy brown hair and a beard is sitting on a brown leather couch. He is wearing a beige and black patterned sweater over a purple t-shirt. He is looking directly at the camera with a slight smile.

***This  
will not  
stand,  
man***









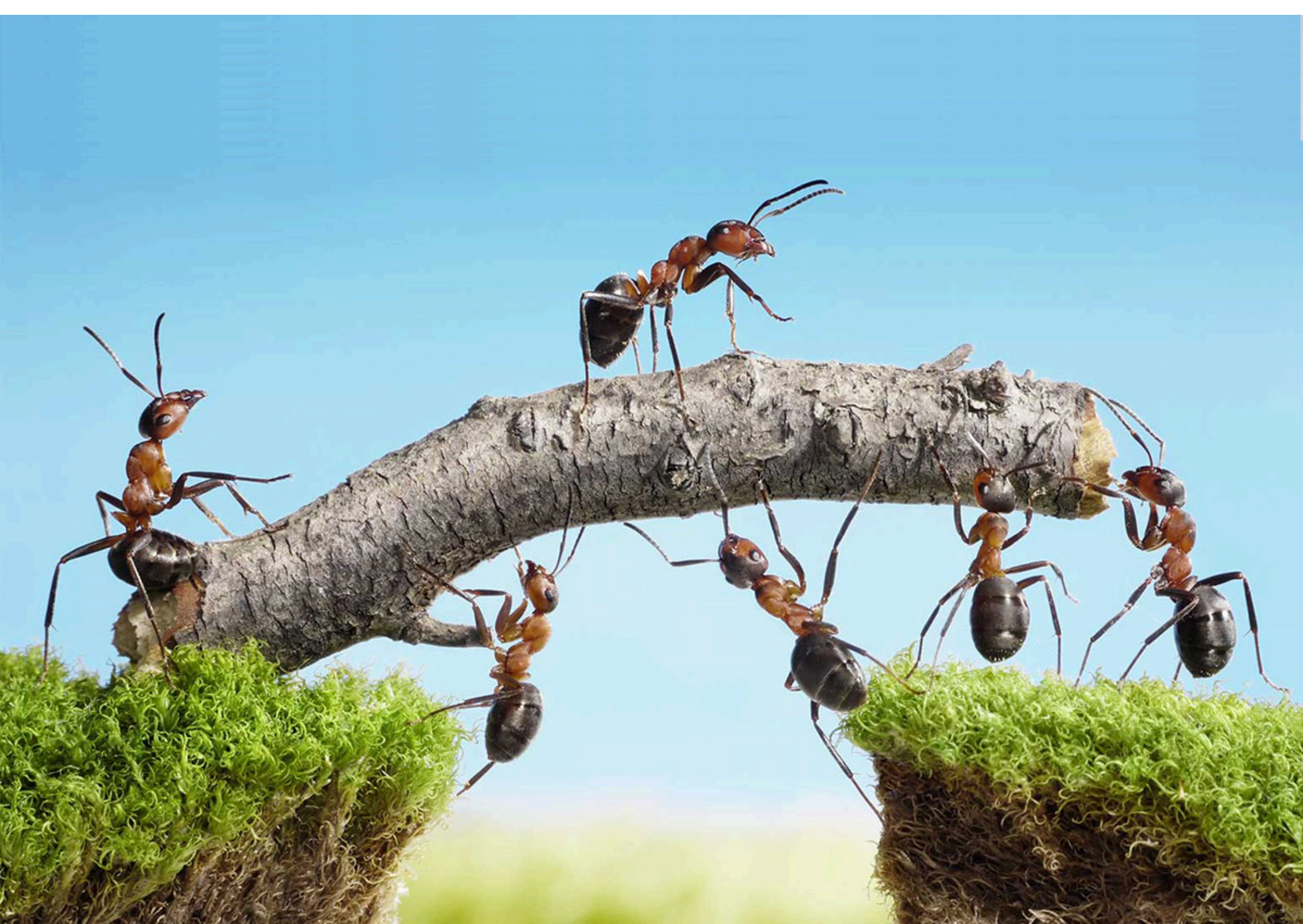




Drawing by Wright

hubzero









# OneSciencePlace

*A new address for sustainability  
from the HUBzero Foundation*



# One Science Place

## Foundation Membership



## No Hassle Hosting

- Cost effective
- Continuous upgrades
- Continuous security monitoring
- Continuous patching
- Dedicated community manager representative

*A community of science gateways living in **one big community, solving sustainability together.***

*Grant +7 years minimum for starter hubs.*



# Sustainability just got easier

Your address to sustain your HUBzero hosted science community



# Sustainability just got easier

Your address to sustain ~~the life science~~ science community

*any*

