HUBzero and the Rappture Toolkit

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What is HUBzero?

Open Source Toolbox Used to Build Collaboratories for Research, Education, and Collaboration

Lesser General Public License, LGPL-3.0
Linux/Apache/MySQL/PHP
## Communities have lots of users

<table>
<thead>
<tr>
<th>Visitors</th>
<th>Users</th>
</tr>
</thead>
<tbody>
<tr>
<td>481,906</td>
<td>234,949</td>
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<tr>
<td>150,883</td>
<td>33,620</td>
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<tr>
<td>60,523</td>
<td>32,580</td>
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<tr>
<td>33,447</td>
<td>23,425</td>
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<tr>
<td>23,444</td>
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<td>14,667</td>
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<tr>
<td>12,550</td>
<td>1,224</td>
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<tr>
<td>10,995</td>
<td>1,863</td>
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<tr>
<td>10,490</td>
<td>1,328</td>
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<tr>
<td>10,358</td>
<td>1,879</td>
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<tr>
<td>9,792</td>
<td>3,141</td>
</tr>
<tr>
<td>9,666</td>
<td>1,635</td>
</tr>
</tbody>
</table>

~800,000 visitors total
Worldwide audience

800,000 visitors total from 172 countries
Powered by the Cloud

Cloud

Web Server

Execution Host

Globus

TeraGrid

Open Science Grid

Pegasus

DiaGrid

PBS

red cloud

Hub Installation

OpenVZ

Demo >>
Rappture Toolkit

- Rapid Application Infrastructure
- Open Source (rappture.org)
- Interface for real research codes
- Integrated visualization
- Works with your favorite programming language
Content management system for apps

What’s Next?

Your latest code is installed and ready on nanoHUB.org. Please test your tool by clicking the button below to make sure that everything is working properly, as well as verify that the page describing your tool is created and displays correct information:

- Test your application: [Launch tool]
- Review the page describing your tool

We’re waiting for You

Once you tested your tool and verified that it is working properly, click here to let us know:

- My tool is working properly. I approve it.

Need to make changes? Once you’ve checked in your latest fixes, click here to let us know:

- I’ve fixed my code. Please install the latest updates.
More information

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http://hubzero.org/pressroom

- Simulation/modeling tools
- Data management
- Collaboration and social networking
- Analytics to measure impact