

The Hitchhiker's Guide to the Metaverse



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Colorado Technical University
Colorado Community Colleges System

Lyr Lobo - 24 Years of Research in VR





What is the Metaverse?

The Spaceport at Virtual Harmony

The Metaverse

Second Life (upper left)

- Account required, closed

The Metaverse (u. right)

- The 3D Web

OpenSim Worlds owned independently (lower left)

- Uses a 3rd party viewer

Visit via the Hypergrid

- Tour sites where you do not have an account



Conferences and Communities



Exploration in the Metaverse



Visiting Distant Places



Mount Calvary on Kitley



[hop://cc.opensimulator.org:8002/Mount%20Calvary/676/706/1001](http://cc.opensimulator.org:8002/Mount%20Calvary/676/706/1001)

Add the Hypergrid URL & Port



FYI: Installing OpenSimulator

OpenSimulator – Download and Install on a PC

<http://opensimulator.org/wiki/Download>

1. Download the .zip file under the Current Release
2. Unzip, open the Bin folder, and Run Opensim.exe
3. A console window opens. Let it run. It pauses in a few minutes.
4. For most questions, use the default (enter key) except
5. Add a region name, an estate name, & if you do not want to be Test User, a Name and Last Name. Add a simple password.
6. In your OpenSim version of Firestorm or your favorite Third Party Viewer, log into Localhost:9000
7. You begin as Ruth, a starting avatar and can customize your avatar
8. Download an .oar (a region with terrain & content)

Why Use OpenSimulator?

Community
Content control
Cost
Convenience
Creativity
Collaboration



A Few of the Benefits



Convenience & cost - open source, free to visit, low cost hosting

Community of educators – you are not alone!

Content - shopping, Edu sites, OARs, IARs

Load .oars (Opensim Archives)

Load .iars (an inventory folder)

Save your .oars & .iars for use online or at home

Install Opensim on a PC at home for curriculum prep

Load your OAR on an Opensim region when ready to useu

Infinite Metaverse Alliance Meeting via The Hypergrid



The Hypergrid Safari

Explore new destinations featured on the Hypergrid Safari

<https://hgsafari.blogspot.com/>



Learn How to Move at the OpenSimulator Community Conference (OSCC)



How to Travel via the Hypergrid

Grid list: <http://www.outworldz.com/hyperica/gridswide.htm>

Start on a Hypergrid-enabled Opensim world

Open the World Map. To visit OpenSimulator Community Conf

In the Find option on the Map

Search for `cc.opensimulator.org:8002` & click the Find button

In some viewers, you do not add `http://` -- it adds it for you

When the red arrow moves to it, click Teleport

After the world rezzes, use your World Map to search for OSCC

Visit the OSCC Shopping Zone or the OSCC Expo 3

Hypergrid designed by Dr. Crista Lopes

OpenSimulator designed by the OpenSim Core Developers



Pack Your Suitcase Before You Travel!

Items in Suitcase are Accessible



The Hypergrid is Social

Running a world on your own system is lonely.

Region hosts activate the Hypergrid and welcome you.

Many educators use hosting services that start as low as \$15 a month for one or more regions.

You can load content onto your world and an entire region by loading an OAR



FYI: OAR Resources

OpenSim Archives (OARS) – free virtual world content

OARs are entire regions filled with welcome centers, meetings spaces, shopping malls and scenes.

You can load them on an OpenSim region on a PC, log into it, and shop, create, or explore.

Visit Zadaroo and scroll down to view & download OARs

<https://zadaroo.com/oars/>

Commands: [http://opensimulator.org/wiki/Server Commands](http://opensimulator.org/wiki/Server_Commands)

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FRI Load and Use an OAR

1. Install OpenSimulator on your system – fast, save your pwd
2. Visit <https://zadaroo.com/oars/> and scroll down for OARs & ratings
3. Download an OAR. OARS replace a region's contents
4. Open your local OpenSim world.
5. Use the Load oar [filename] command in the OpenSim console
6. Load oar WelcomeCenter.tgz
7. Login using Firestorm and visit your new region.

Welcome to the Metaverse!

What is the Metaverse?

What is the Hypergrid?

- What would you like to do on this field trip?
- How would you assess the value of the experience?

Questions?

