

# A Whirled Tour

Michael Bayne, CTO Three Rings

OOO  
Three Rings



Why in the Whirled?

What in the Whirled?



Type here to chat!

send



# It's a virtual world



Funnyx00: hi

Mikeness: Howdy!

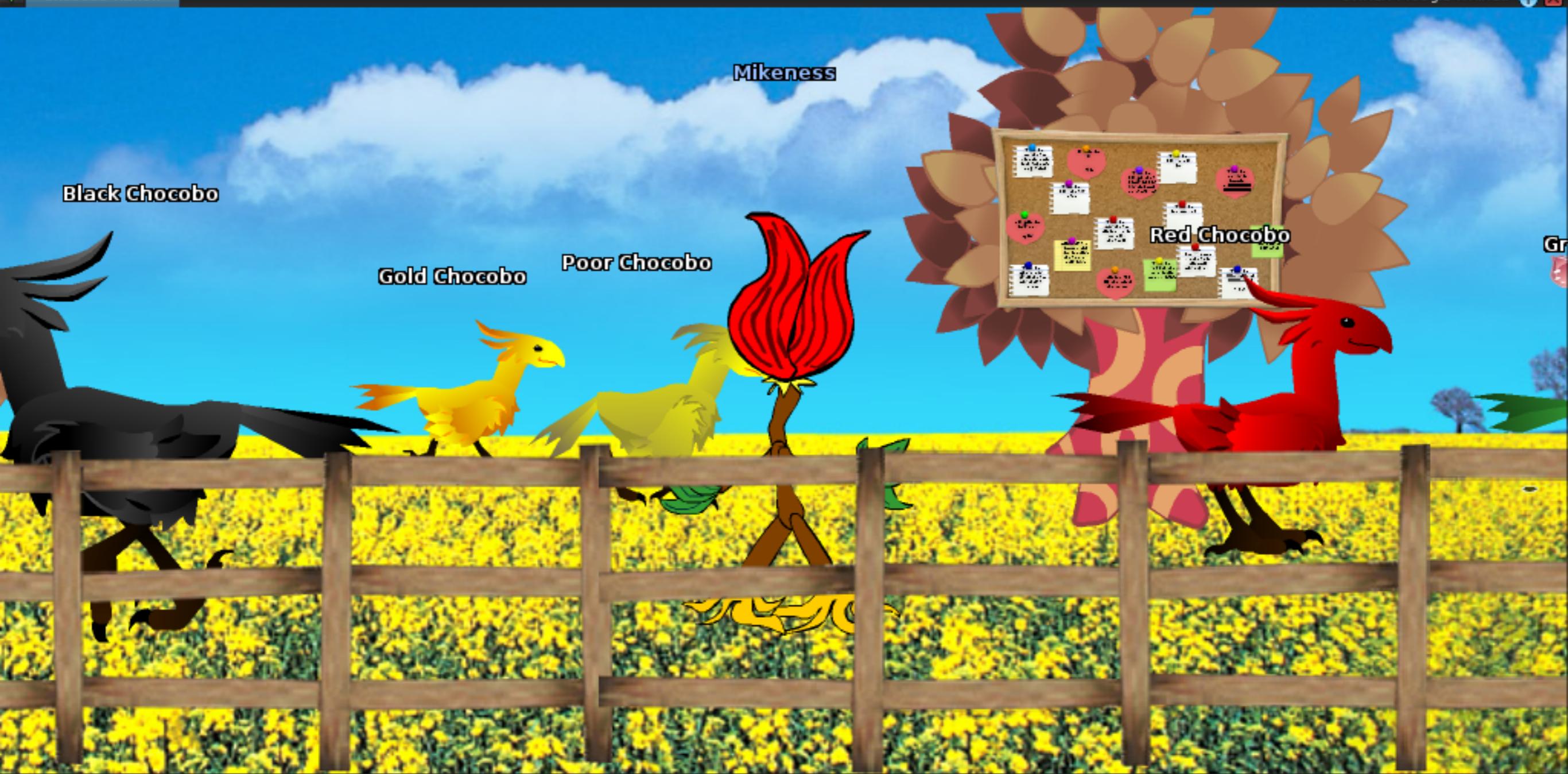
Type here to chat!

send



Heinz 57 logged on. Visit.

# made up of rooms



filled with stuff: furniture,  
pets, toys, avatars.



- ATTENTION -  
Hello Visitors!  
Feel free to dust the  
bonsai and water the  
phoenix.  
-- MDB Mikeness  
- SAVE -



WELCOME

Arranging Room:

House of Mikeness

Backdrop: Jazz Club Change

Tall Lamp

Advanced editing options

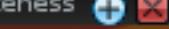
Type here to chat!

send



Heinz 57 logged on. Visit.

The rooms are arranged by the players with a built-in editor



**My Avatars**

**Globoid**

by Kirbee (Browse)

WANT IT? BUY IT! BUY IT! HAVE IT!

Delete Item Rename

This item is in use.

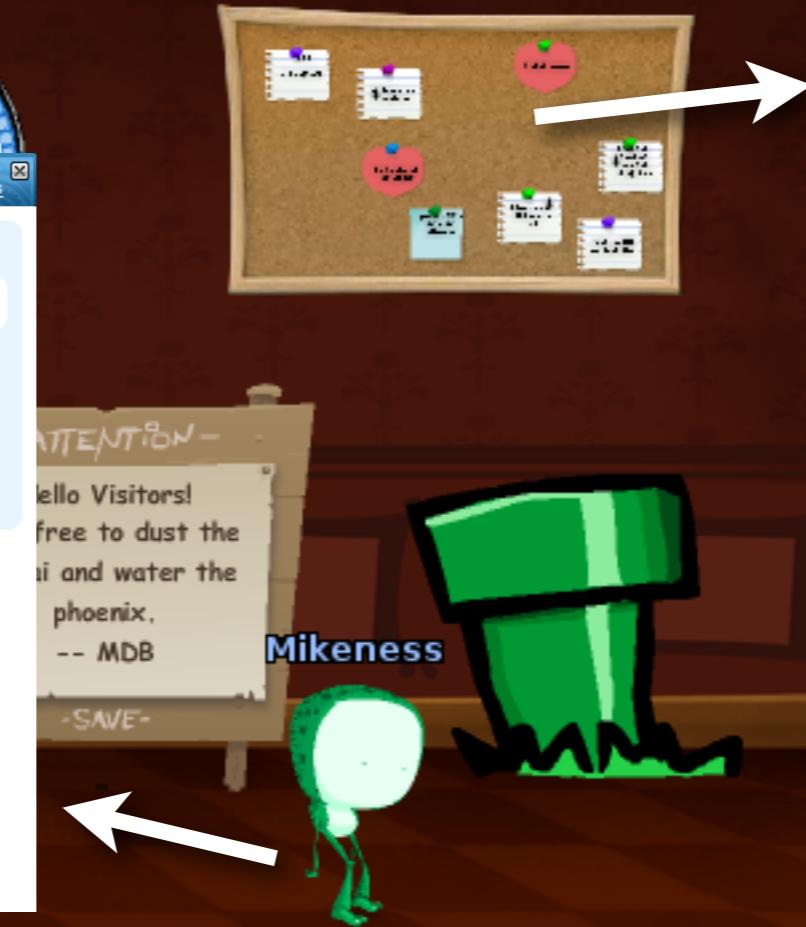
Remove avatar

In use items cannot be sent as gifts.

Rating: ★★★★☆ 30 ratings

Rate it! Favorite

Tags: none Add Tag: Report...



**My Toys**

**Cork Board**

by Blue (Browse)

Anyone will be able to leave notes on your cork board. A great way for friends to say 'hi' when they visit your rooms when you aren't home.

Delete Item Rename

This item is being used in House of Mikeness.

Take from room

In use items cannot be sent as gifts.

Rating: ★★★★☆ 13 ratings

Rate it! Favorite

Tags: none Add Tag: Report...

**My Furniture**

**Jazzy Piano**

by Billiam (Browse)

A fifth of Beethoven, anyone?

Delete Item Rename

This item is being used in House of Mikeness.

Take from room

In use items cannot be sent as gifts.

Rating: ★★★★☆ 21 ratings

Rate it! Favorite

Tags: none Add Tag: Report...

Type here to chat!

send



Heinz 57 logged on. Visit.

and everything in the room is created by players as well.

Stuff

My Stuff | Images

## Edit Image

Learn how to create your own images on our [wiki](#) ↗

Images must be GIF, PNG or JPG format. You can add them to [your room](#) like furniture, or create a [Gallery](#) to display them. Animated GIFs don't work inside rooms.

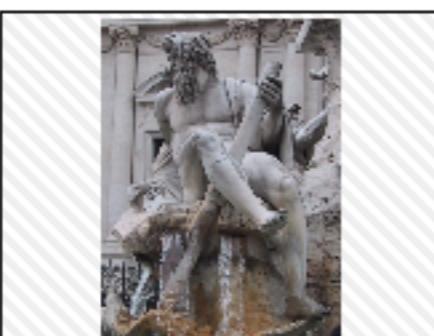
Name

Neptune!

Main Extras

Image Media

Full image shown in galleries and in your room

 Browse...

Description

This is shown if you list your item in the Shop

When in Rome...

(Characters remaining: 185)

Save

Cancel



Players can upload items to use in their own rooms

## Toys

Have some fun! Toys are interactive items you and your friends can play with in your room.

### Toys

 Search

Sort by: New &amp; Hot

Page: 1 2 3 4 5 6 ... 28

Prev Next

[Bubble Blower v1](#)

by Chip Caramel

★★★★★

225

[Nx Whirled Piano](#)

by Nordenx

★★★★★

3

[Nx Slide Piano](#)

by Nordenx

★★★★★

3

[Dancing Kenya T](#)

by Agret

★★★★★

100

[Dragon Toy](#)

by Atomique

★★★★★

1

[Dancing Kenya Li](#)

by Agret

★★★★★

100

[Stopwatch](#)

by Version2.0

★★★★★

1

[Confetti Blower II](#)

by geckzilla

★★★★★

500

[Confetti Blower](#)

by geckzilla

★★★★★

200

[Pookah Memory](#)

by Nordenx

★★★★★

1

[Carvable Jack O'](#)

by Shango

★★★★★

2

[Seed Pack - Hallc](#)

by jdnx429

★★★★★

500

House of Mikeness



Mikeness



Type here to chat!

send



and they can sell them  
in the catalog.

## Shop

[Shop](#) | [Avatars](#) | [My Favorites](#) | [Transactions](#) | [Buy Bars](#)

House of Mikeness

owner: Mikeness

## KuteKat - White

KuteKat - White



Rating:

★★★★★ 174 ratings

Rate it!



Favorite



Comments

by [Moogie \(Browse\)](#)

Ever had the urge to be just as cute as possible? KuteKats come in a variety of colours, and you can customize the eyes separately.



Test remix

Listed on: Oct 20

Purchases: 33

Favorites: 42

[Reprice](#) | [Delist](#) | [View original](#)

Buy! 2

[Get bars!](#)

Buy! 6,496

Tags: [remixable](#), [kute](#), [expensive](#), [nice](#), [kitty](#), [cute](#), [white](#), [cat](#), [kutekat](#)Add Tag: [Report...](#)

Items are sold for one  
of two currencies:

## Shop

[Shop](#) | [Avatars](#) | [My Favorites](#) | [Transactions](#) | [Buy Bars](#)

## KuteKat - White

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Rating:

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Favorite



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coins, earned by playing games  
and doing things on the site

## Shop

[Shop](#) | [Avatars](#) | [My Favorites](#) | [Transactions](#) | [Buy Bars](#)

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owner: Mikeness

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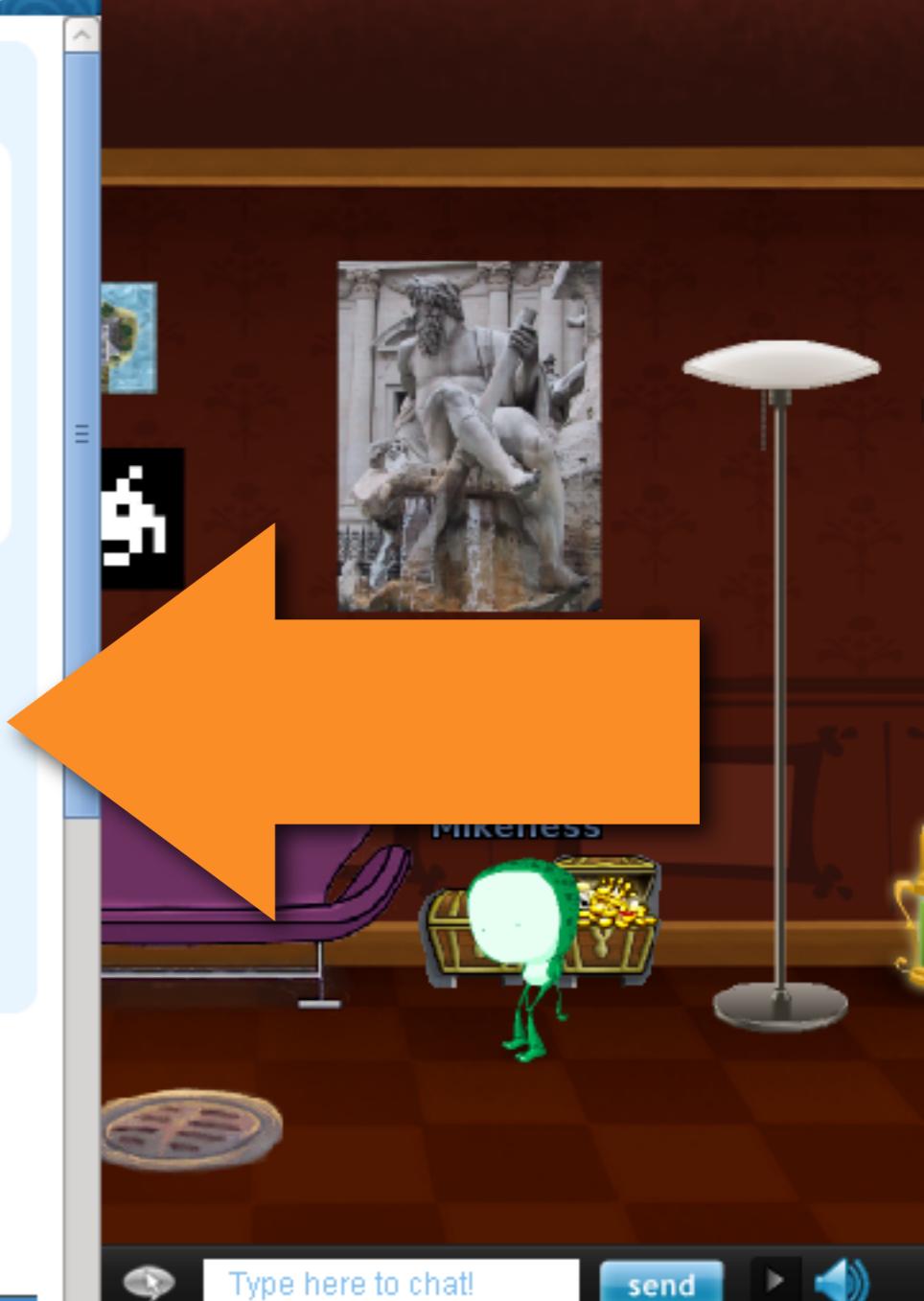
Favorites: 42

[Reprice](#) | [Delist](#) | [View original](#)

Buy! 2

[Get bars!](#)

Buy! 6,496

Tags: [remixable](#), [kute](#), [expensive](#), [nice](#), [kitty](#), [cute](#), [white](#), [cat](#), [kutekat](#)Add Tag:  [Report...](#)

and bars, purchased  
with real money.

## Transactions

Me | Rooms | Friends | Account | Admin

Bling is earned by creators when they sell items priced in Bars.

Bling can be turned into Bars or cashed out as real money!

[Learn more about Bling](#).

Earning coins takes time.

Get bars right now!

**Buy Bars!**

Show: **Bling** ▾

Page: 1 2 3 4

Prev Next

When	How	Debit	Credit	Balance
Today at 11:57am	Sold <a href="#">Corpse Craft Compleat</a> .	12.00		1,418.46

Bling



Creators earn bling.

# NattoMaki's Profile

[Me](#) | [Rooms](#) | [Friends](#) | [Mail](#) | [Account](#) | [Admin](#)

Level:

★ 36

**NattoMaki**

knows karate and 17 other Japanese words

Permaname: nattomaki

Male

Member since: Mar 08, 2007

California

Last online: Today at 2:45pm

[Send Mail](#)[Visit Home](#)[View Rooms](#)[Browse Items](#)

## Information

Favorite Music:

Mose Allison, Charles Brown, Parliament, Tokyo Ska Paradise Orchestra, Kelly Joe Phelps, Southern Culture On The Skids, Ray Charles

Favorite Movies:

Glengarry Glen Ross, Tanpopo, Marusa no Onna, Godfather 1 &amp; 2, Snatch, Kung Fu Hustle

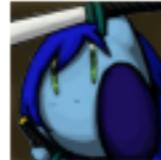
Favorite Shows:

Trailer Park Boys, Deadwood, Rome, Sopranos

Favorite Books:

The Lorax

## Friends

[Beelzebub](#)[Lone Star Lamour](#)[JKasumi](#)[butterfly](#)[Captain Josh](#)[Mikeness](#)[See All 208 Friends](#)

## Passport Stamps

Whirled is a community website:  
with profiles

# My Friends

Share Whirled  
with your  
**Friends!**

[Invite Them!](#)

[Me](#) | [Rooms](#) | [Friends](#) | [Mail](#) | [Account](#) | [Admin](#)

## Find Someone:

Search by real name, Whirled name, or email address

[Search](#)

### Mikeness's Friends



[Brittney](#)

*everybody watch the new landing page video!*

Online now in Palace Arena. [Join them!](#)

[Send mail](#)

[Visit home](#)

[Remove friend](#)



[Gyre O' Guile](#)

*poink?*

Online now in Brave New Whirled. [Join them!](#)

[Send mail](#)

[Visit home](#)

[Remove friend](#)



[NattoMaki](#)

*knows karate and 17 other Japanese words*

Online now in Group Zyraxxus's room. [Join them!](#)

[Send mail](#)

[Visit home](#)

[Remove friend](#)



[Zell](#)

*desires chicken sausage*

Online now, playing Ghosthunters. [Join them!](#)

[Send mail](#)

[Visit home](#)

[Remove friend](#)

[Vestibule](#)

[Send mail](#)



# friends

## Mail

[Me](#) | [Rooms](#) | [Friends](#) | [Mail](#) | [Account](#) | [Admin](#)

Check Mail

Page: 1 [2](#)[Prev](#) [Next](#)

	<a href="#">JKasumi</a> Today at 2:41pm	<a href="#">Be My Friend</a> Let's be buddies!
	<a href="#">JKasumi</a> Today at 2:33pm	<a href="#">Be My Friend</a> Let's be buddies!
	<a href="#">Linkwhite</a> Oct 20 at 8:47am	<a href="#">Dictionary Attack</a> Hey, I don't know if this is a known issue, but in multiplayer Dictionary Attack
	<a href="#">Jes</a> Sept 03 at 11:19am	<a href="#">OMG!</a> Heh thanks! I've got a few more patterns I'd like to do once I refine the proces
	<a href="#">Silverwolf</a> Aug 05 at 8:07am	<a href="#">help</a> Thanks for the information :)
	<a href="#">Fox</a> May 22 at 6:26am	<a href="#">Bang! Howdy Status.</a> Hello Mike, I'm sorry to bug you like this, but I'm hoping you still have a str
	<a href="#">The Cosmic Cheese</a> Jan 10 at 9:04pm	<a href="#">Creator Survey</a> [Background--Coming into whirled I've had sporadic programming experience, and v
	<a href="#">Shelly</a> Jan 08 at 8:12pm	<a href="#">Creator Survey</a> This is good because I have lots of input on this subject :D 1. Decor, Furniture
	<a href="#">Gobanzo Mon</a> Jan 08 at 12:13pm	<a href="#">Creator Survey</a> 1. Modified the template avatar's appearance and released it. Make an avatar fro



mail

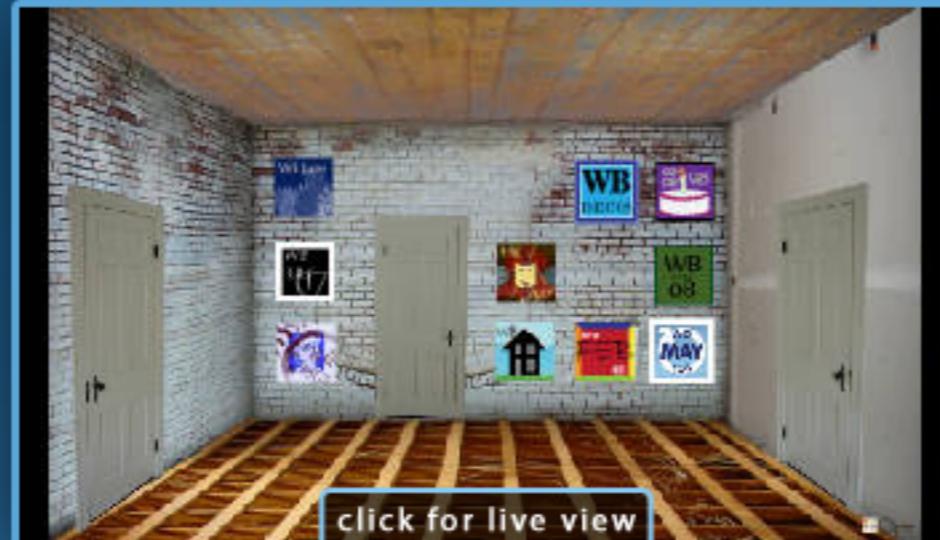
# Whirled Builders

[Whirleds](#) | [My Whirleds](#) | [My Discussions](#) | [Issues](#) | [My Issues](#)

## Whirled Builders

Est. Mar 04, 2007 by [sadiekate](#)

301 Members

[Enter Whirled](#)[Discussions](#)[Join this Whirled](#)[Shop!](#)[Read Charter](#)

6 online now!

Building THE Whirled for You

### Charter

Do you like to make furniture? Avatars? Games? Anything at all?

Go ahead and join!

The member's directory and gallery is now in place! To change your display room, send a note to [sadiekate](#). (It's the cheapest Harvard dorm room you'll ever find.)

Creative challenges are posted in the discussions once a month, so be sure to post if you've completed a challenge!

[<< Back to Discussions](#)

### Members

Manager  
[sadiekate](#)

Conrad500



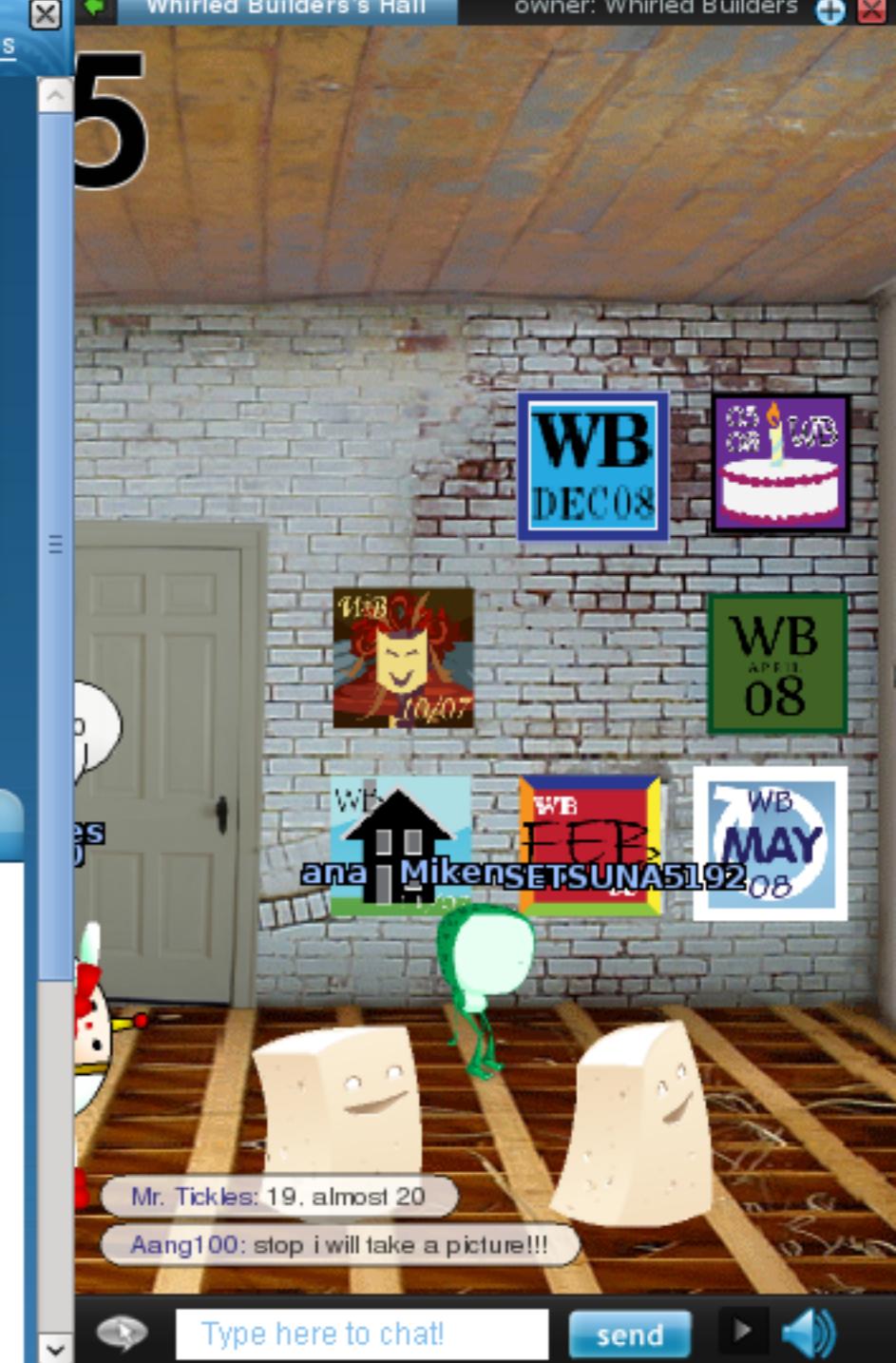
ЄЛЯК



TikiKala



Juiceten



Type here to chat!

send



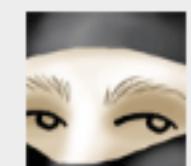
# groups

## Discussions

[Whirleds](#) | [My Whirleds](#) | [My Discussions](#) | [Issues](#) | [My Issues](#)

&lt;search&gt;

## Whirled Builders Discussions: Resource Room Installation

sadiekate on Apr 14 at 11:54am [✉](#)

Many of you have likely seen the so-called "resource room" just to the right of the Whirled Builders's Hall. It has been woefully empty for a very long time. This is about to change.

I am looking for links that have been helpful to you while creating things for Whirled. These could be links to useful forum threads, whirled wiki pages, flash tutorials from anywhere on the internet, examples, drawing tutorials, coding help, reference photos, and on and on. Anything that's helped you at all while making Whirled content.

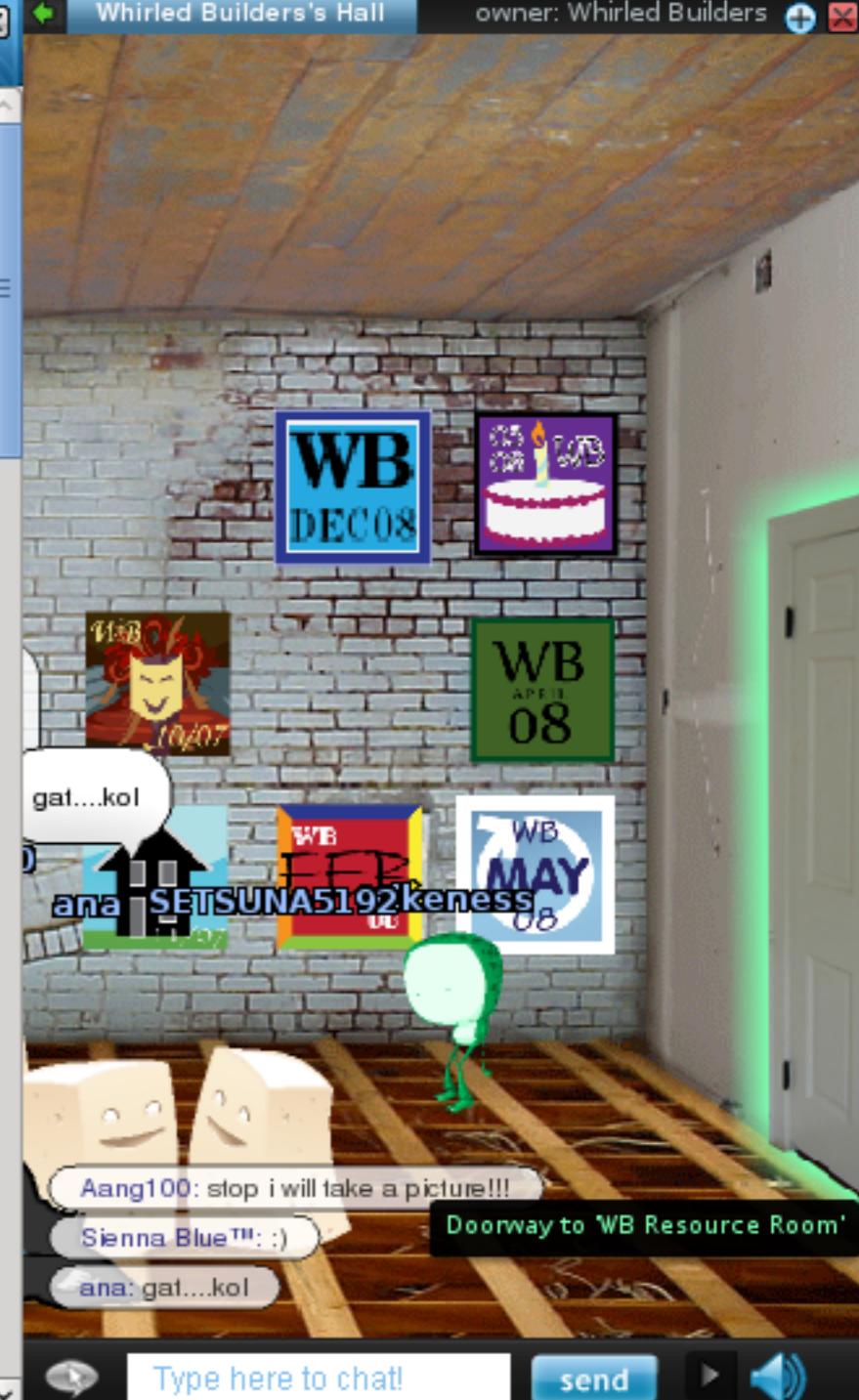
Please post your link below and a brief description of how it was helpful to you. Once I've put the decor and furniture in place, I'll start setting up links in-whirled.

[QUOTE](#)[REPLY](#)

Yayyy!

Whirligig on Apr 15 at 9:27pm [✉](#)

I've found some good sounds at [The Freesound Project](#). Their clips are licensed under the Creative Commons Sampling Plus 1.0 license, which basically requires author attribution.

[QUOTE](#)[REPLY](#)boozoo on May 02 at 3:28pm [✉](#)

Type here to chat!

send



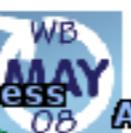
forums



Whirled Builders's Hall

RESE

0008087

Mr. Tickles  
Sienna Blue™

SETSUNA5192



Sienna Blue™: pmmmt

Open

Type here to chat!

send



Gyre O'Guile logged on. Visit.

and clubhouses  
(shared virtual spaces).



Corpse Craft



Type here to chat!

send

You have new mail. [Check now.](#)

Developers can make single- or  
multiplayer games

# Dictionary Attack

147 ratings

Avg. Time: 10 minutes

Games played: 17970

[View source item...](#)

Yours:

Favorite

[Discussions](#)[Game Shop](#)[Games](#) | [My Trophies](#) | [All Games](#)**PLAY**[Instructions](#) [Comments](#) [Trophies](#) [My Rankings](#) [Top Rankings](#) [Metrics](#) [Logs](#)**Word Ensign**

Awarded for scoring over 20 points in a single player game.

*Earned on Oct 09, 2007***Lieutenant Lexicon**

Awarded for scoring over 30 points in a single player game.

*Earned on Oct 09, 2007***Commodore Cliché**

Awarded for scoring over 40 points in a single player game.

*Earned on Oct 09, 2007***Vice Admiral Verbiage**

Awarded for scoring over 50 points in a single player game.

**Admiral Anagram**

Awarded for scoring over 60 points in a single player game.

**Planetary**

Score 30 points or higher in 3 games in a row in a single session.

*Earned on Dec 04, 2007***Stellar**

Score 30 points or higher in 5 games in a row in a single session.

*Earned on Dec 04, 2007***Galactic**

Score 40 points or higher in 3 games in a row in a single session.

**Heavy Cruiser Class**

Complete a single player game using only 5 letter words or longer.

**Destroyer Class**

Complete a single player game using only 6 letter words or longer.

*Earned on Dec 04, 2007*Page: 1 [2](#) [3](#)[Prev](#) [Next](#)

# and award trophies

QBeez Whirled

Mikeness



**Pick a Pack to Play:**

Shop | Level Packs | My Favorites | Transactions | Buy Bars

Yellow Avatar Pack

by Skunk Studios (Browse)

Win a perfect game in the last level to earn the Yellow QBtar!!

Listed on: Oct 13 Purchases: 114 Favorites: 8

Reprice | Delist | View original

Buy! 3

Get bars!

Buy! 9,741

Rating: 3.6 stars (36 ratings)

Rate it! Favorite

Tags: maria, qbtar

Add Tag: Report...

Comments

Skunk Studios on Oct 20 at 6:24pm [delete] [complain]

Amber: You have to purchase the pack. If you have purchased the pack re-load the game.

Win Me!

Win this Yellow Avatar by getting a perfect clear on the final level.

PLAY

and sell level and item packs.

## Games

## MMO / Whirled



Find a Game Fast

Search for Games

[Action / Arcade](#) | [MMO / Whirled](#) | [Strategy](#) | [Puzzle](#) | [Adventure / RPG](#) | [Word](#) | [Card / Board](#) | [Sports / Racing](#) | [Other](#)

Sort by: Rating

Page: 1

Prev

Next

Name	Rating	Category	Now Playing
<b>Ghosthunters</b>  A game of hunting ghosts all across the Whirled and defeating them in ectopla...	★★★★★ 78 ratings	MMO / Whirled	2 <input type="button" value="Play"/>
<b>Bella Bingo</b>  Bingo for fashionistas!	★★★★★ 208 ratings	MMO / Whirled	17 <input type="button" value="Play"/>
<b>Pookah Rainbow</b>  Music Party Game: play with your friends and see who can remember the pookah ...	★★★★★ 98 ratings	MMO / Whirled	0 <input type="button" value="Play"/>
<b>GObama</b>  Grab your friends and go head to head with McCain, Palin, and the GOP!	★★★★★ 48 ratings	MMO / Whirled	0 <input type="button" value="Play"/>



Whirled is a collection of mini-MMOs.



Type here to chat!

send

You have 2 new mails. [Check now.](#)

Mini-MMOs are like overlays  
on the virtual world.



Type here to chat!

send

You have 2 new mails. [Check now.](#)

They make use of the Whirled room and avatar systems.

How in the Whirled?

# Whirled Builders

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## Whirled Builders

Est. Mar 04, 2007 by [sadiekate](#)

301 Members

[Enter Whirled](#)[Discussions](#)[Join this Whirled](#)[Shop!](#)[Read Charter](#)[click for live view](#)

# GWT

 6 online now!  
Building THE Whirled for You

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[<< Back to Discussions](#)

## Members

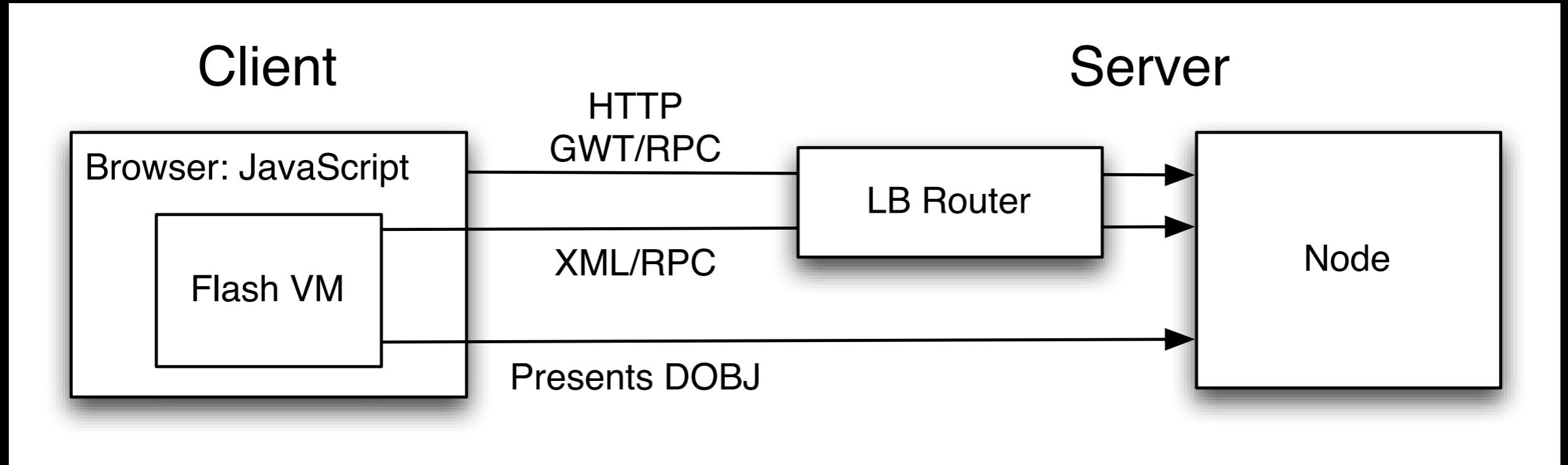
**Manager**  
[sadiekate](#)[Conrad500](#)[DARK](#)[Tikikala](#)[Juiceten](#)

Type here to chat!

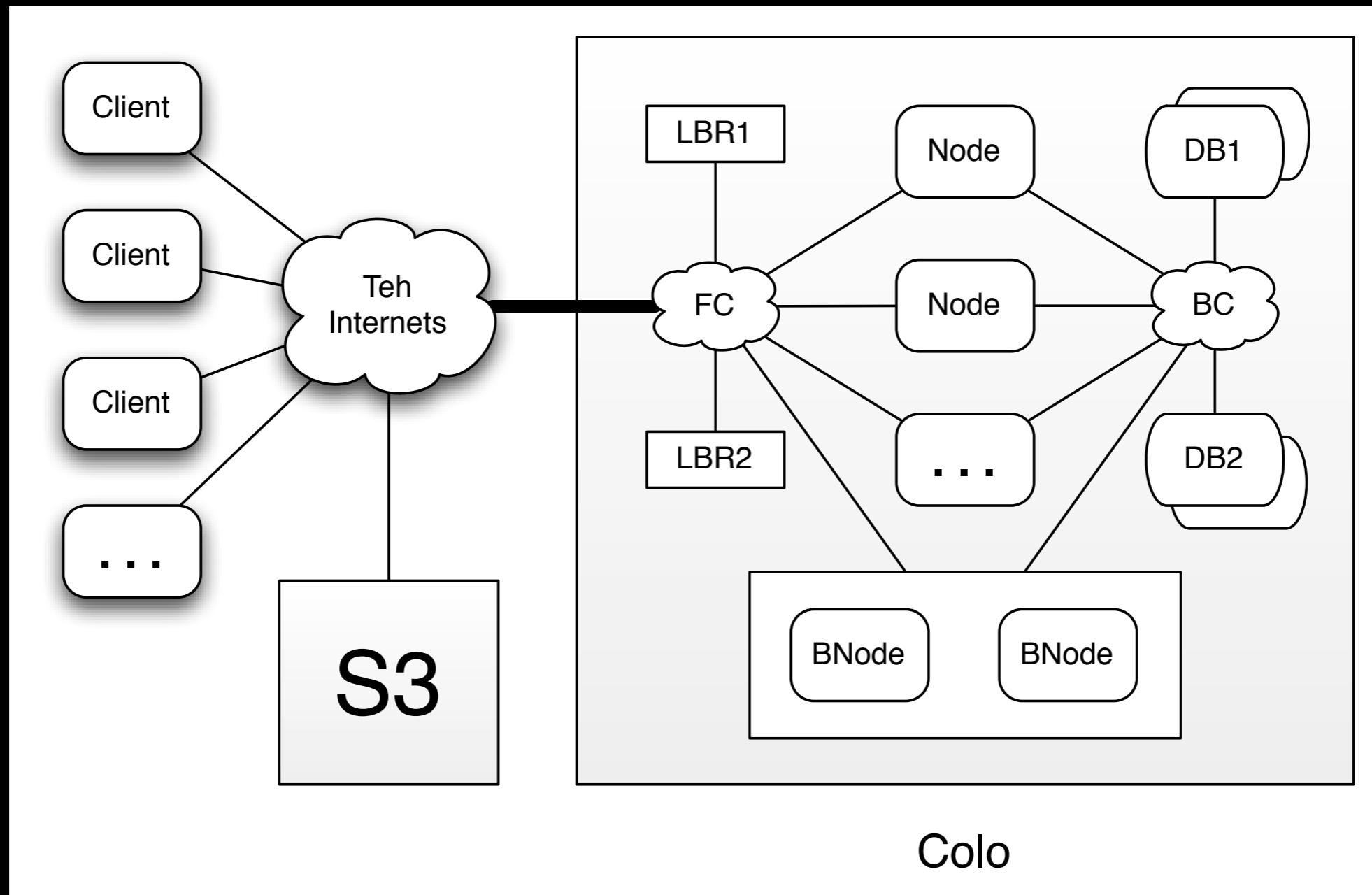
send



# Whirled client is Flash + GWT



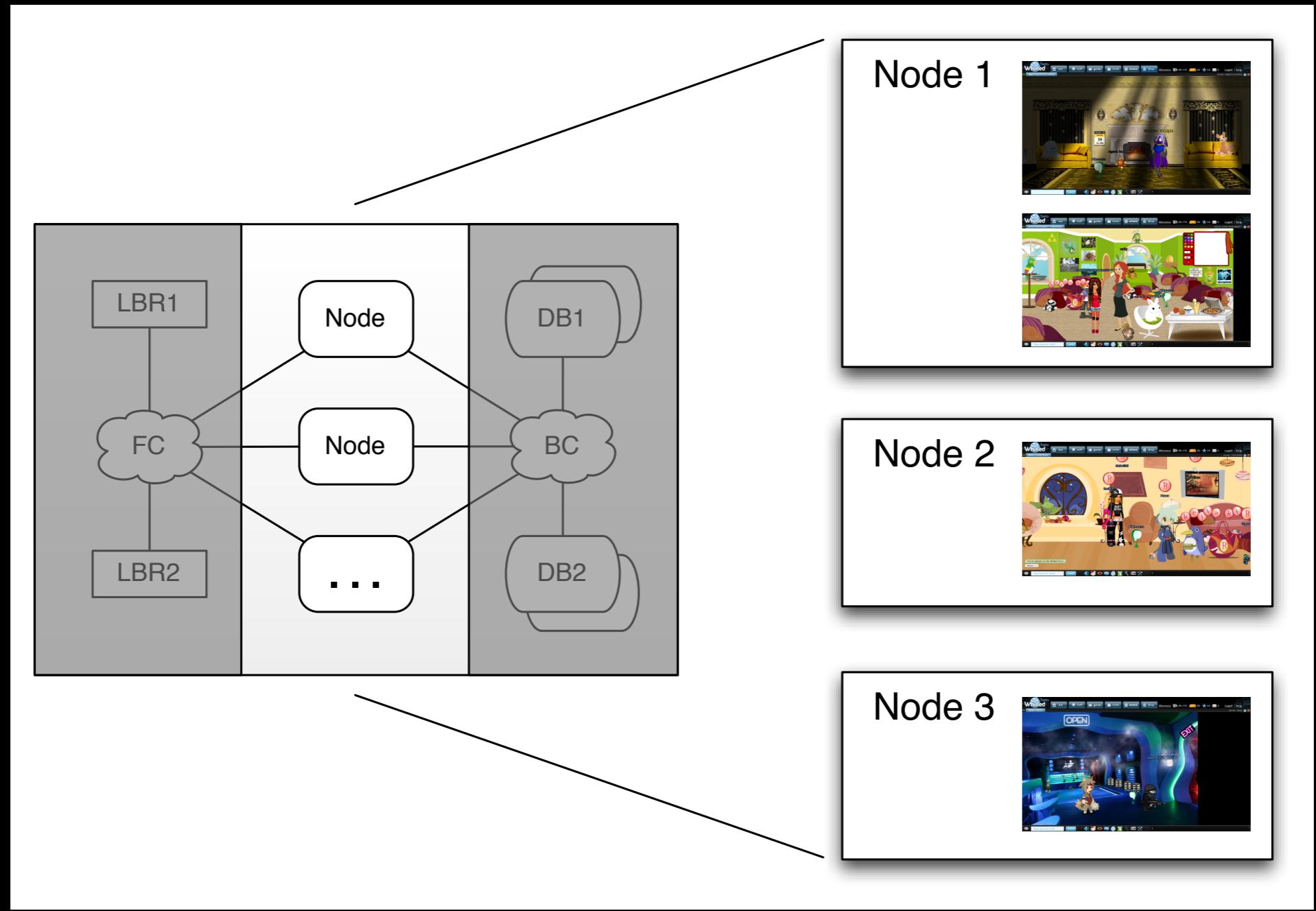
Whirled uses a few protocols.



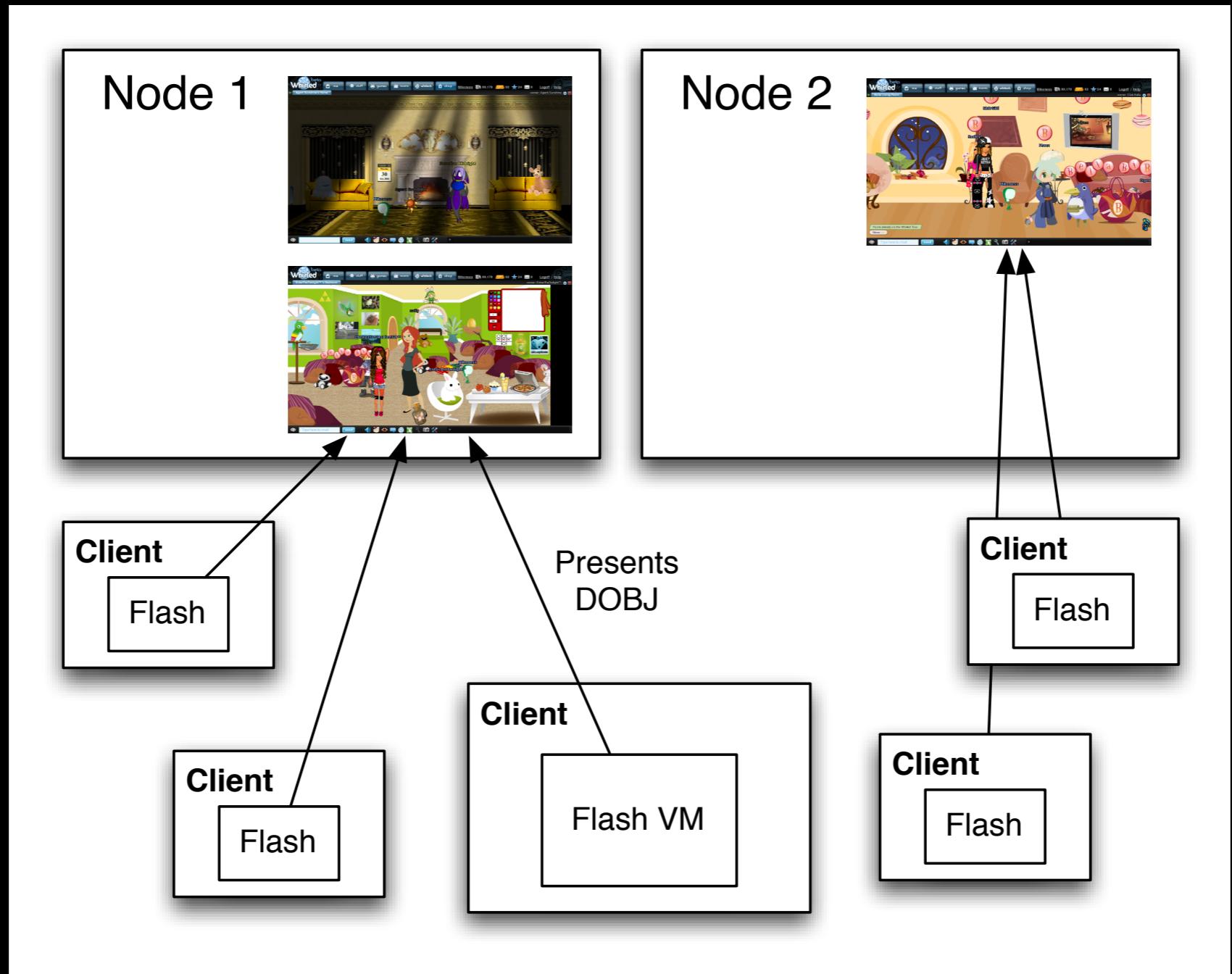
Whirled can has network diagram.



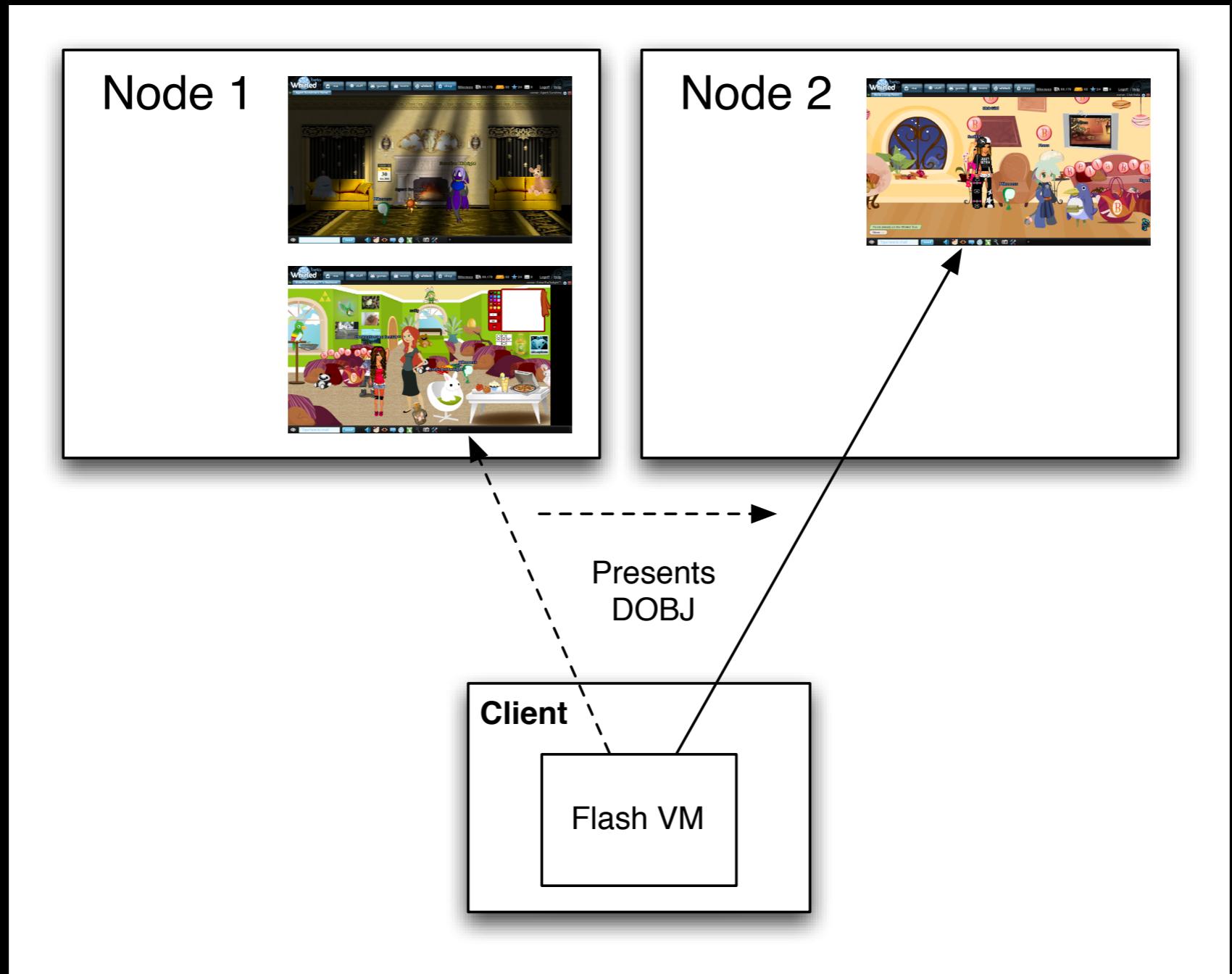
# Whirled is Rooms.



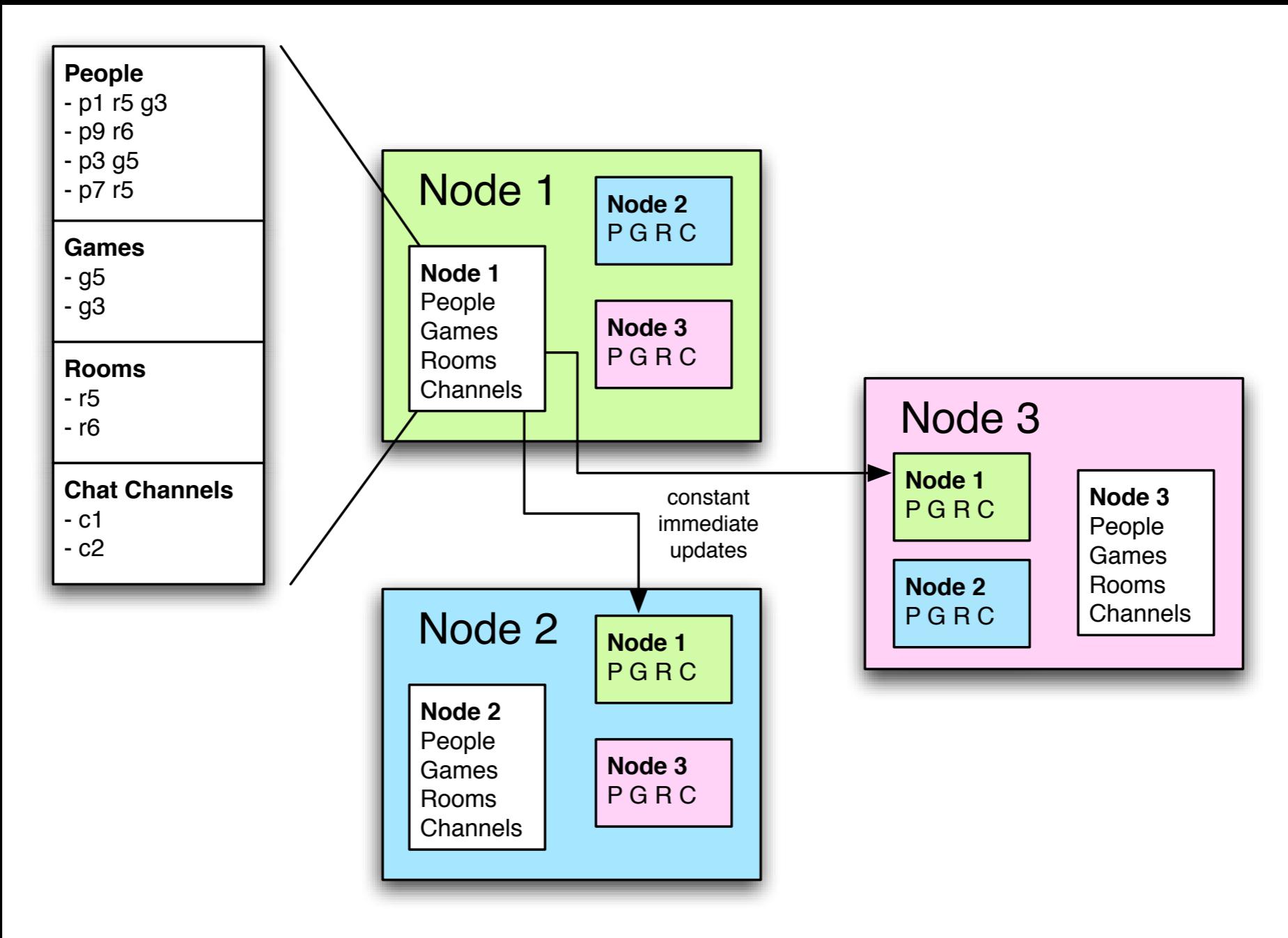
Rooms are on Nodes.



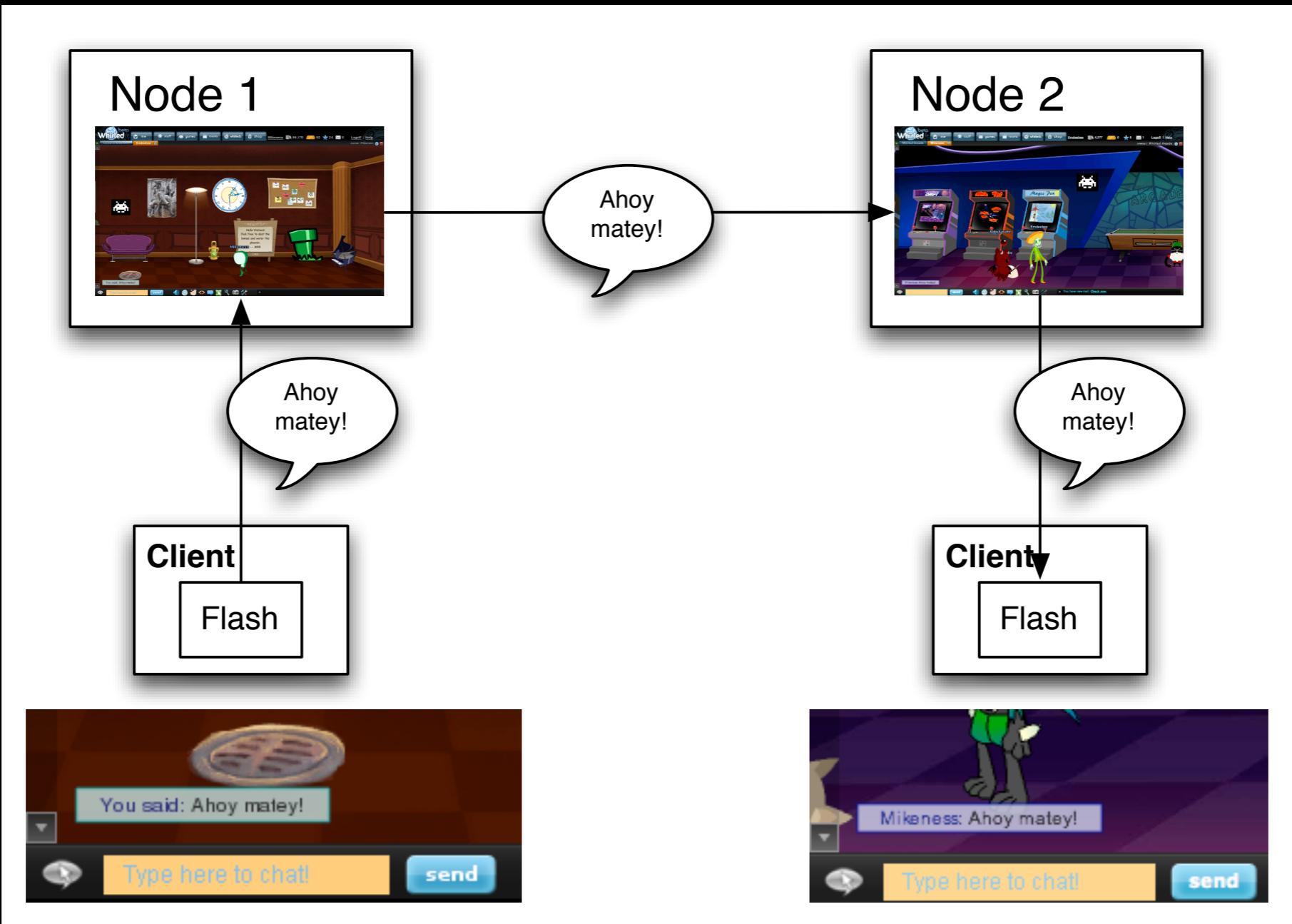
Clients talk to a Room's Node.  
Network traffic is local to the Node.



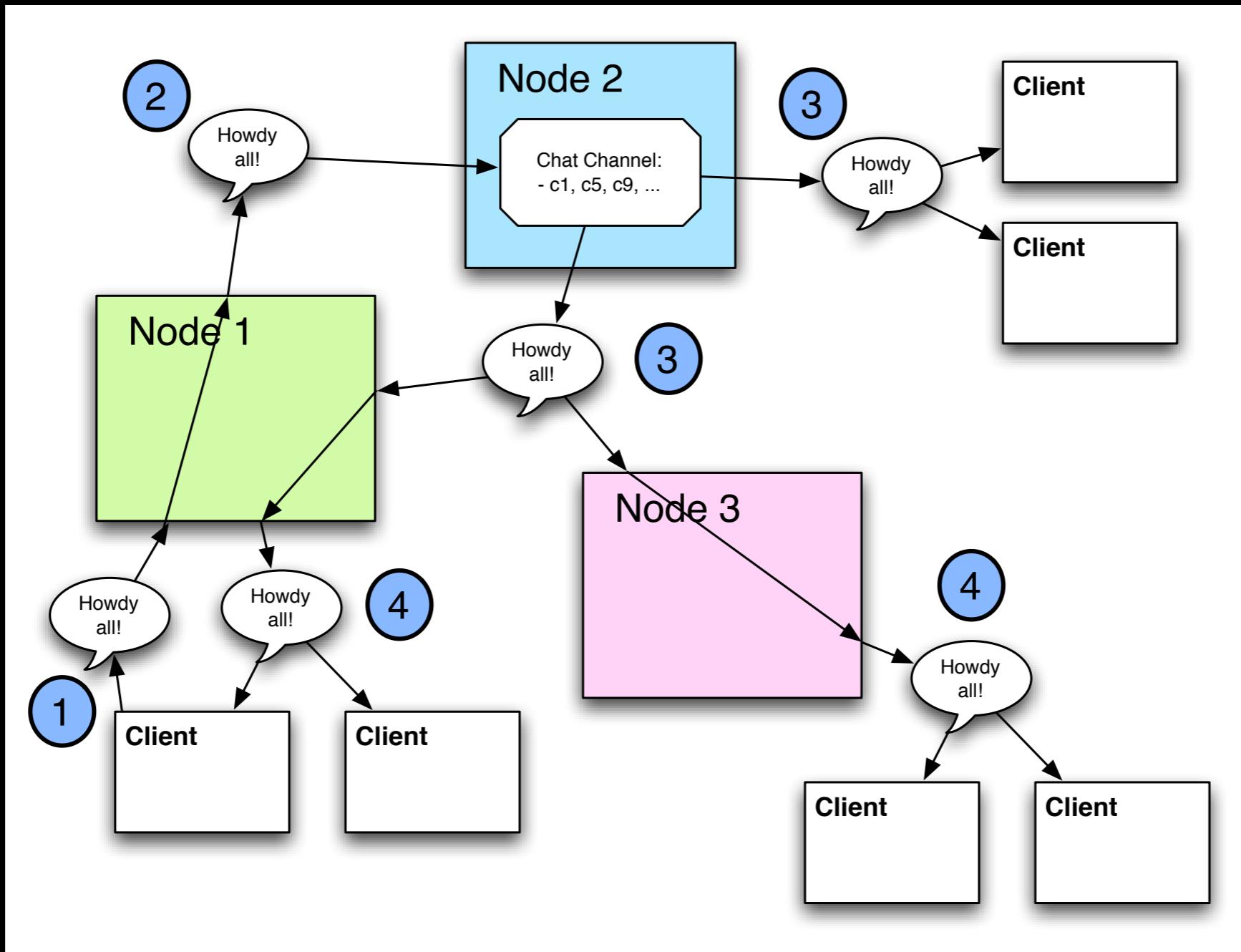
As clients move around the Whirled  
they switch between nodes.



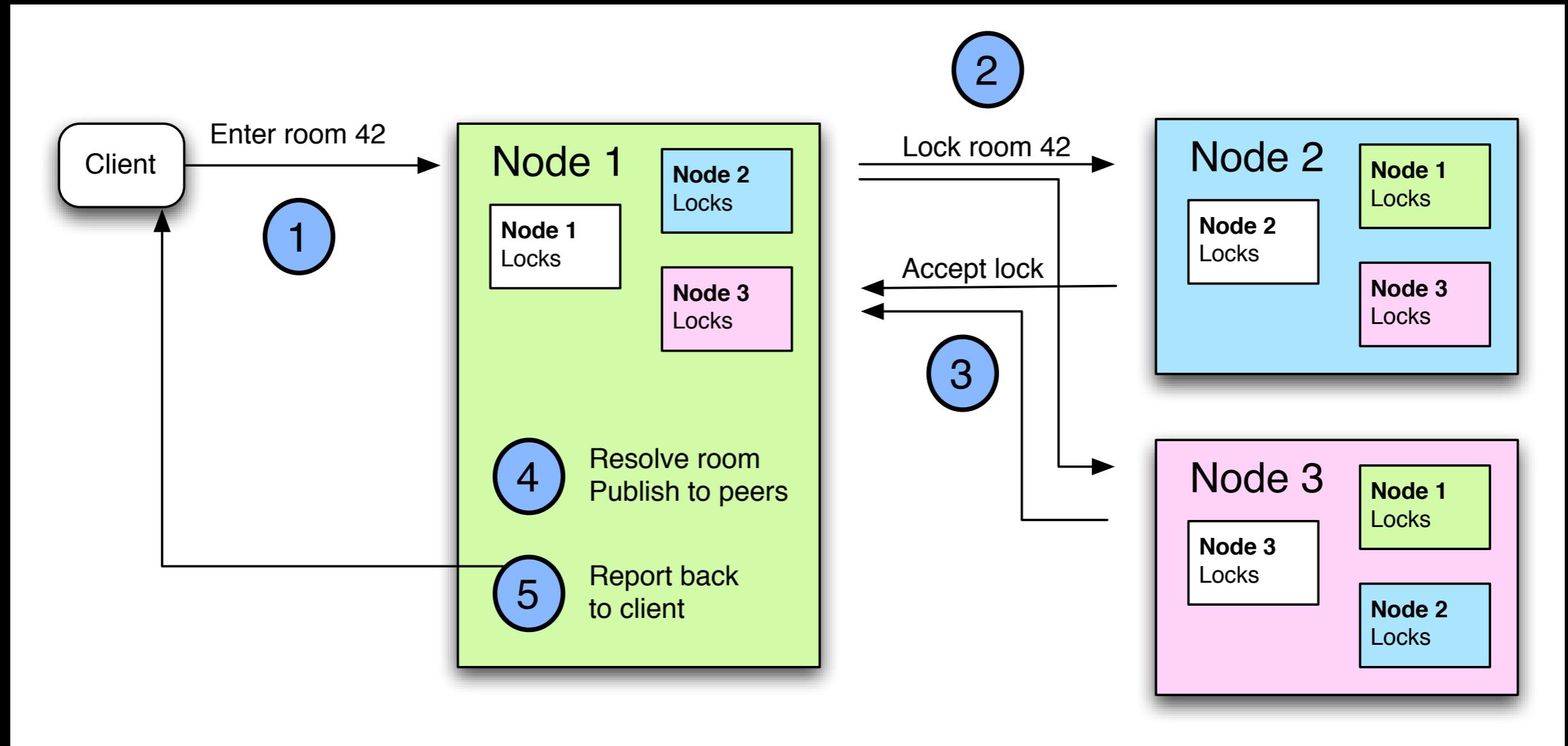
Nodes publish information  
visible to all nodes.



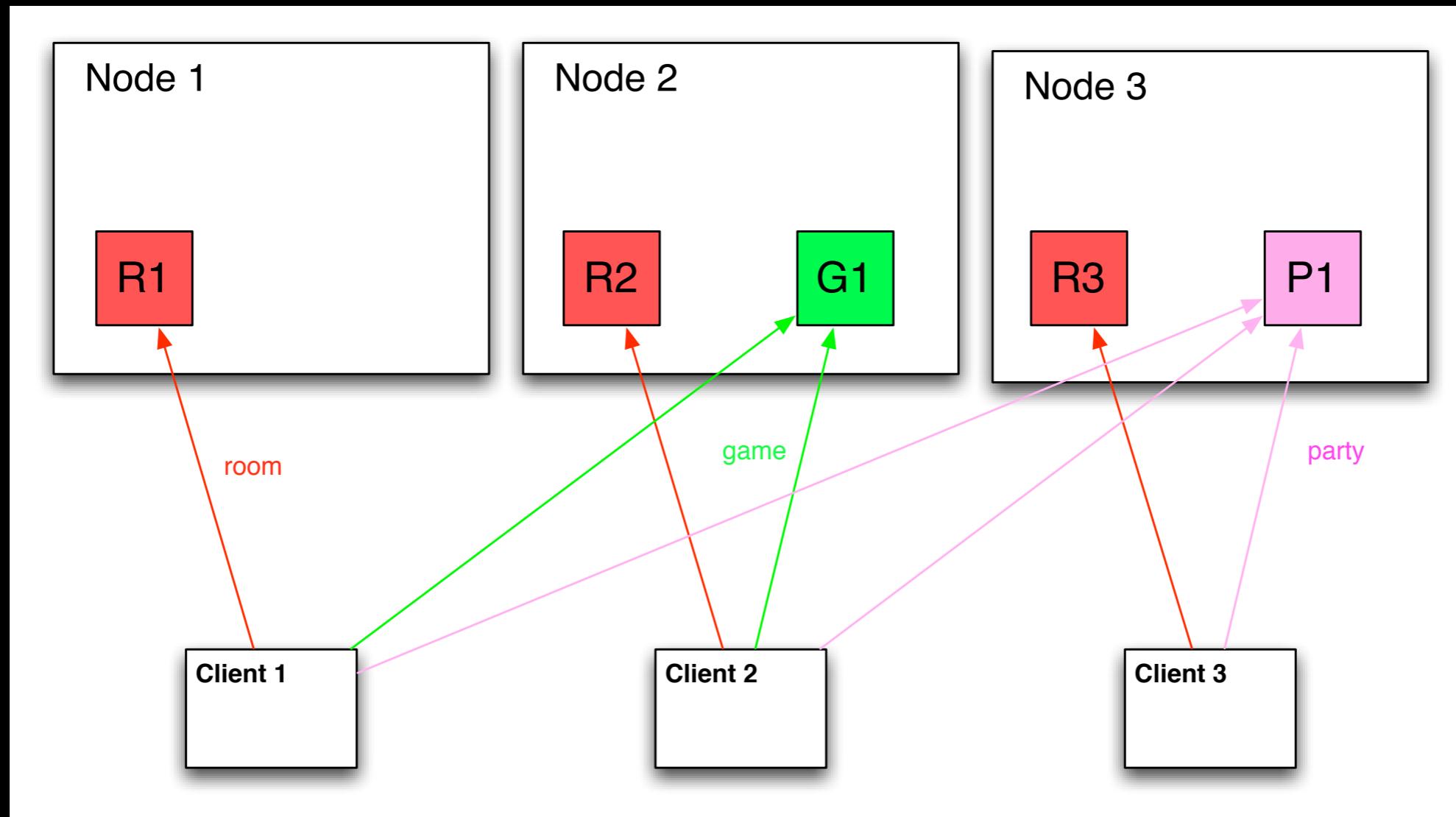
Some things span nodes,  
like person to person chat.



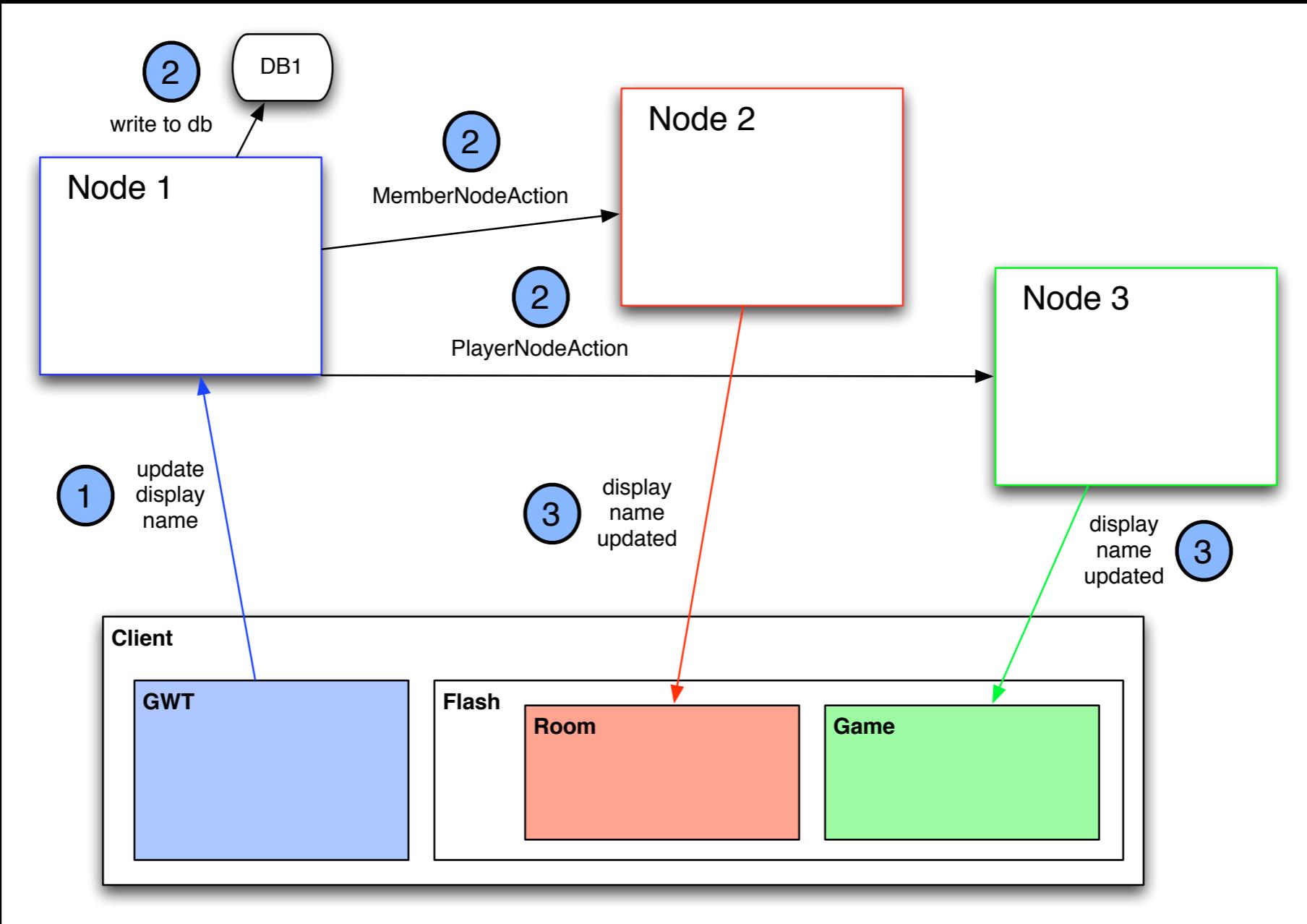
Group chat is more complicated...



Nodes coordinate with a distributed locking protocol.



Clients may maintain multiple distributed object connections.



Things can happen in  
many places in the network.

```
/** Handles informing a game server that a player's display name has changed. */
protected static class DisplayNameUpdated extends PlayerNodeAction
{
    public DisplayNameUpdated (MemberName name) {
        super(name.getMemberId());
        _name = name.toString();
    }

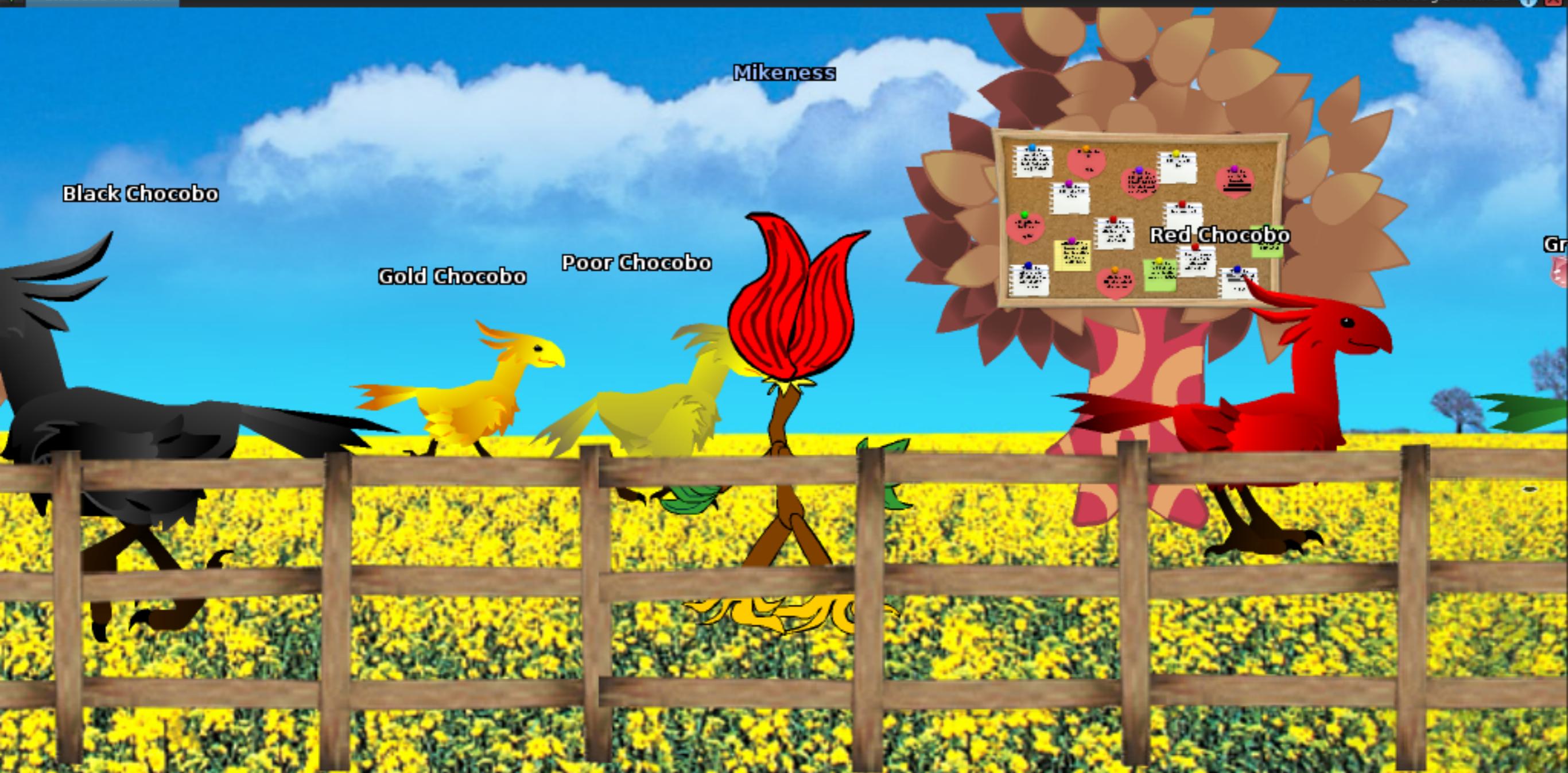
    public DisplayNameUpdated () {
    }

    protected void execute (PlayerObject pobj) {
        // update their player object
        pobj.setMemberName(
            new VizMemberName(_name, pobj.getMemberId(), pobj.getHeadShotMedia()));

        // update their name in their occupied "place" (game) if any
        _bodyMan.updateOccupantInfo(
            pobj, new OccupantInfo.NameUpdater(pobj.getVisibleName()));
    }

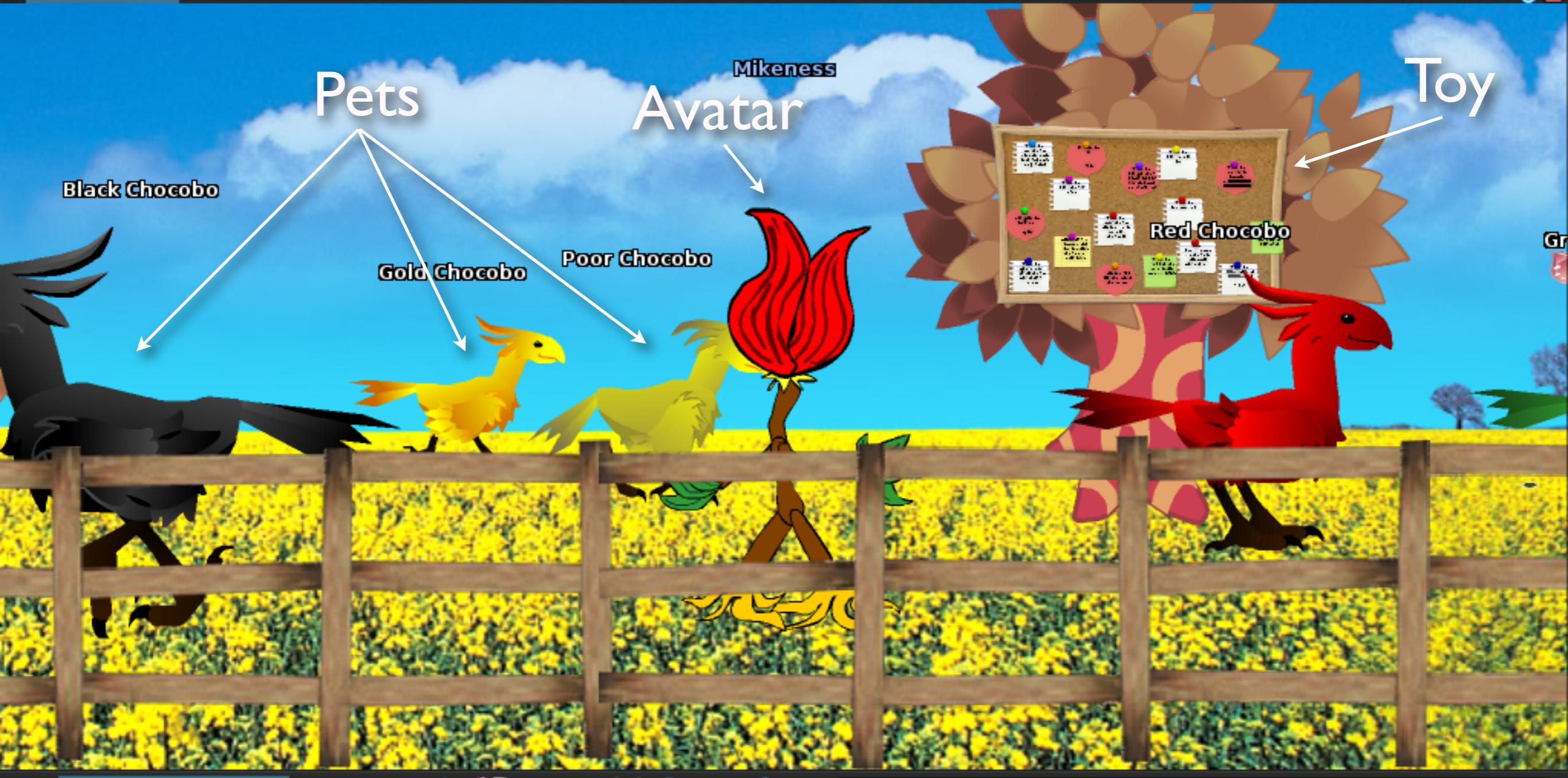
    protected String _name;
    @Inject protected transient BodyManager _bodyMan;
}
```

NodeAction makes it simple  
to do things from anywhere.

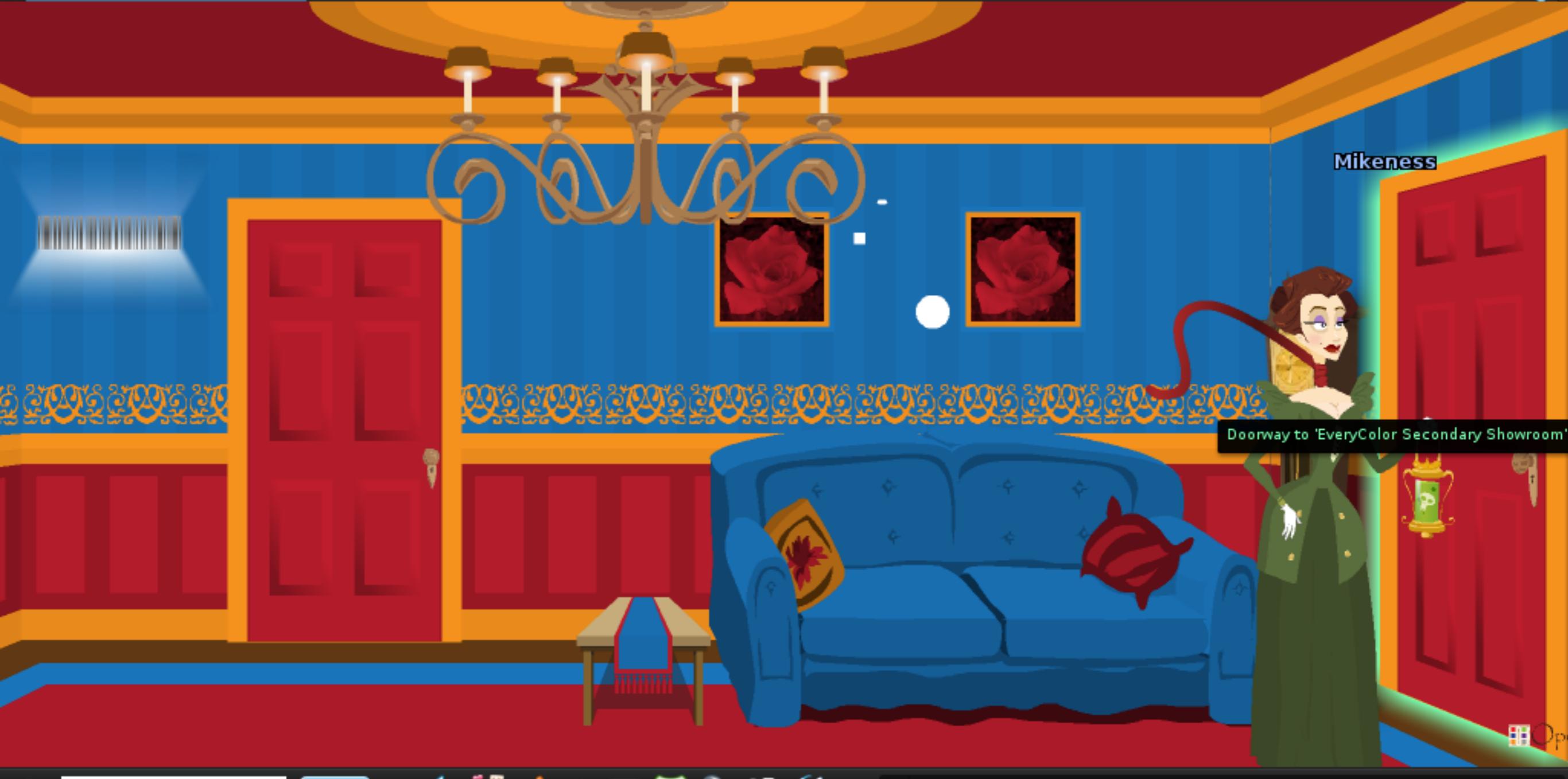


send Heinz 57 logged on. [Visit](#).

Whirled is Entities.



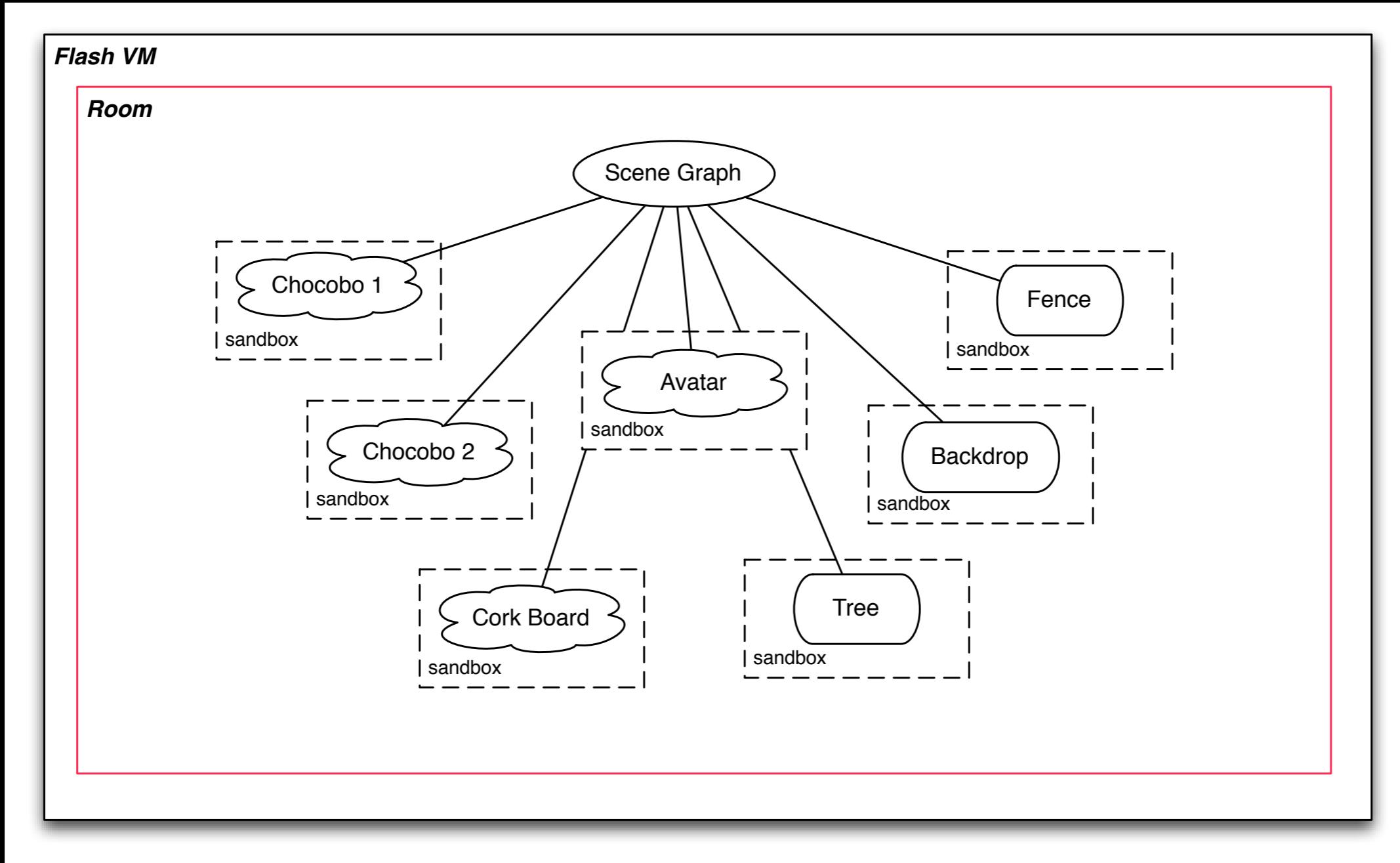
Entities are Avatars, Pets, Toys



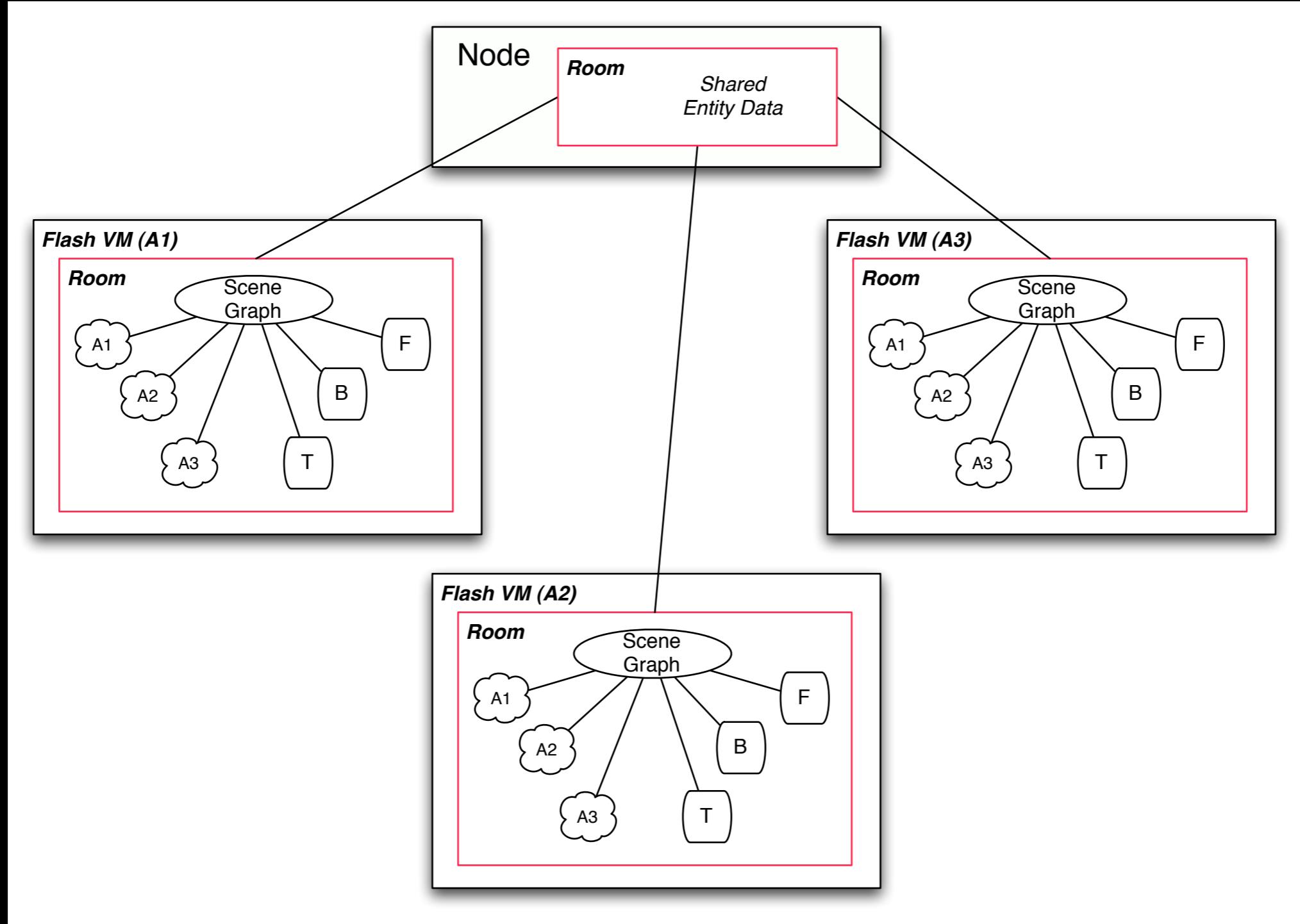
even Furniture and Backdrops.



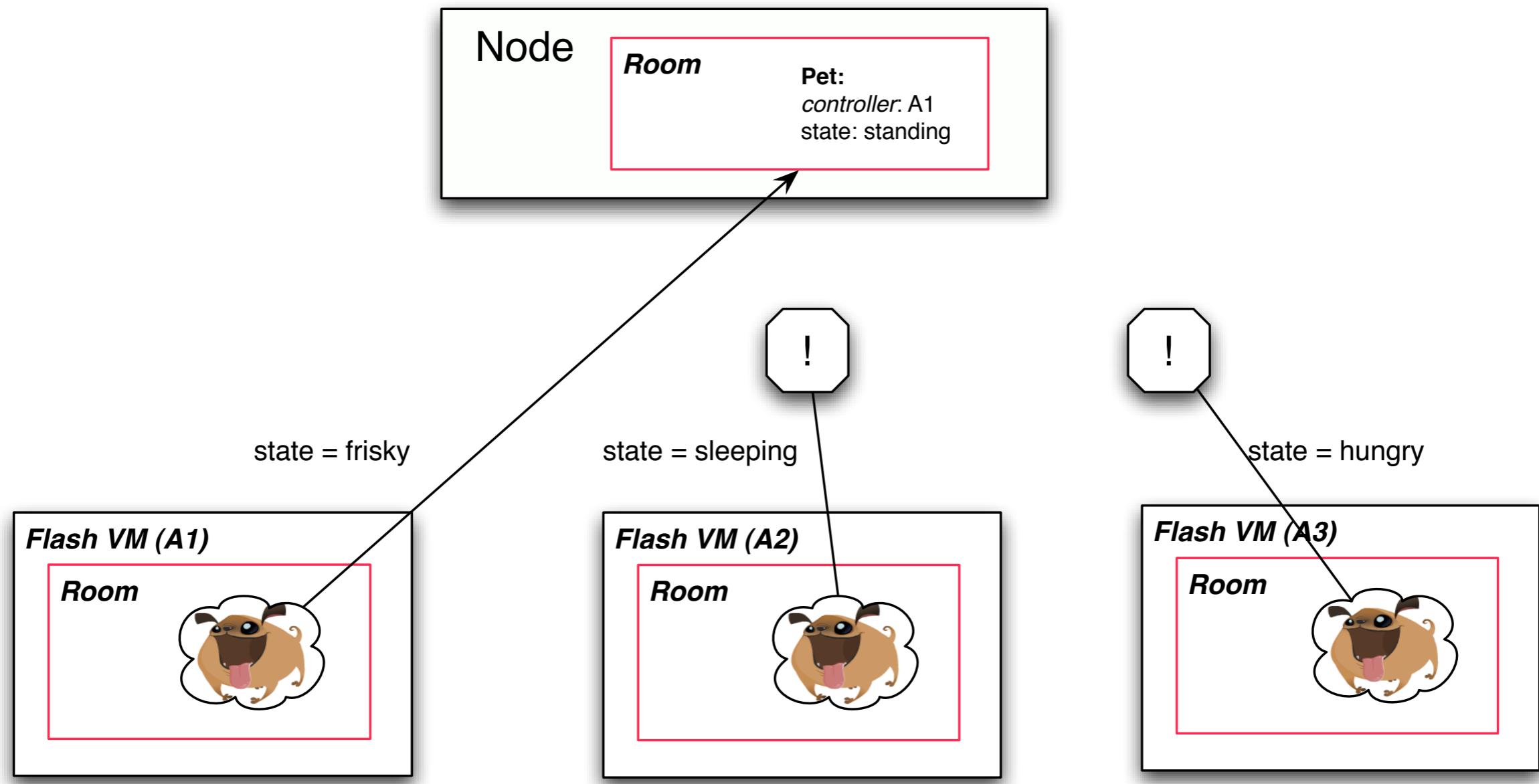
even Furniture and Backdrops.



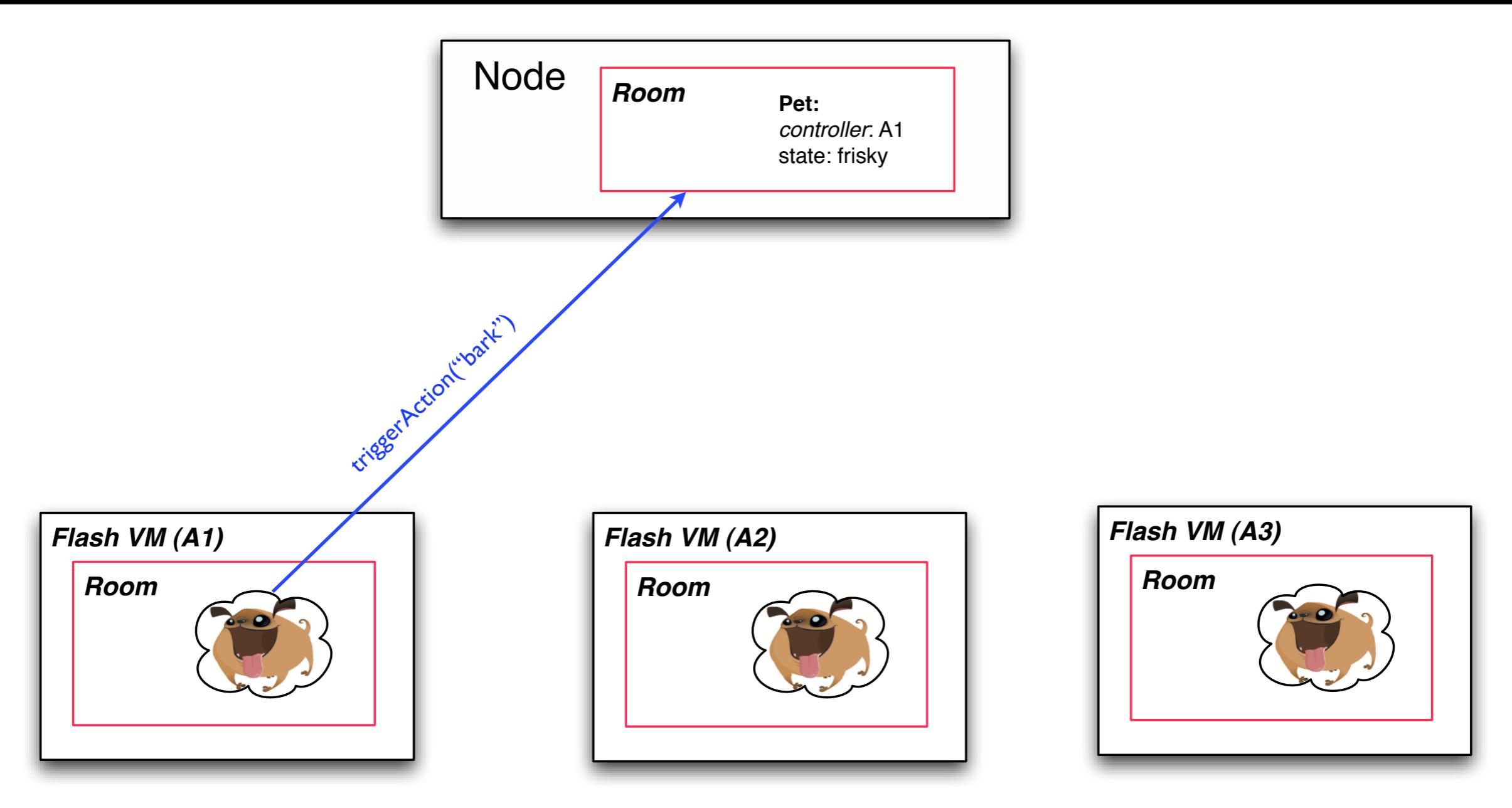
Code for entities runs on the client.



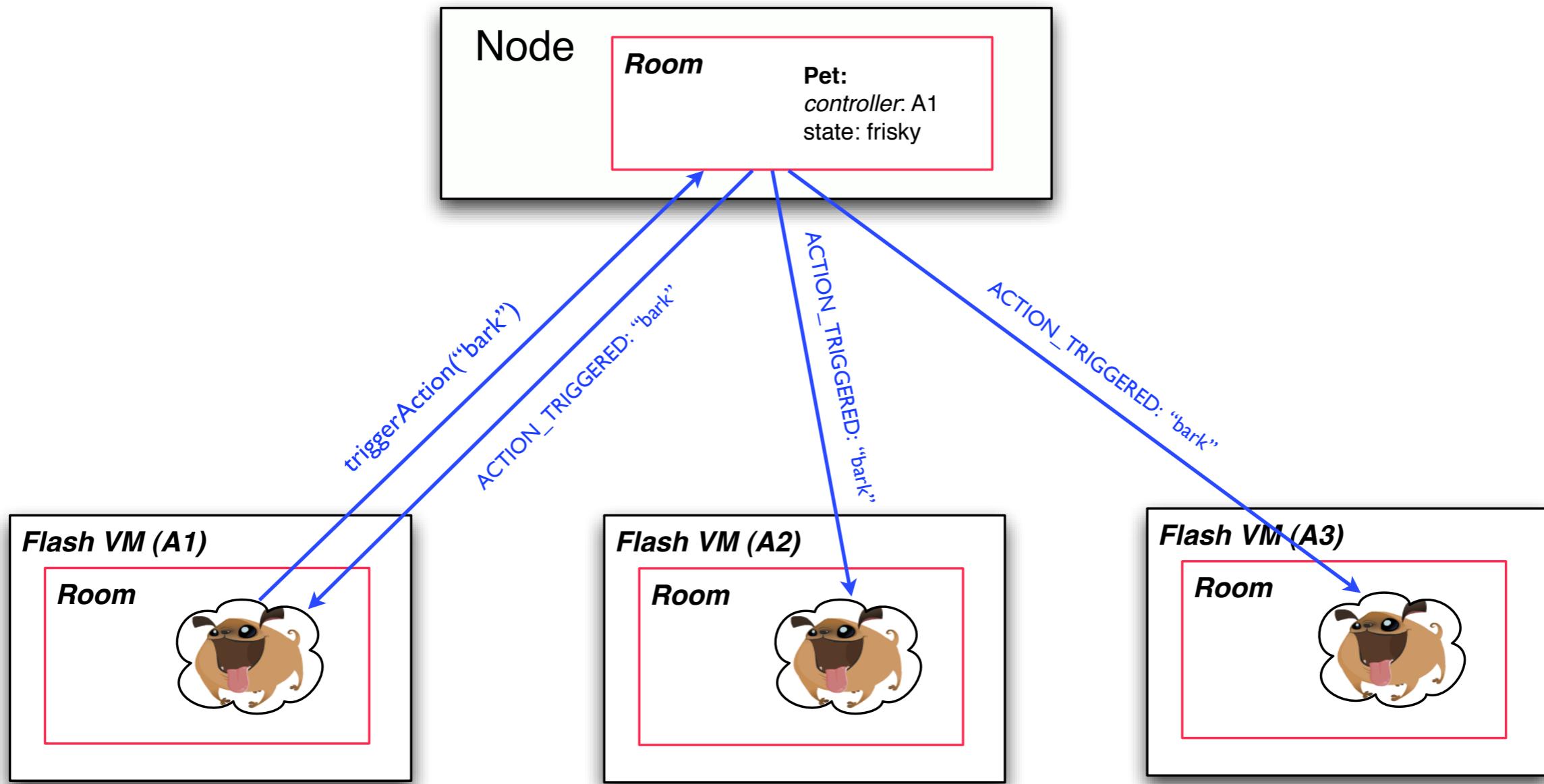
Actually, it runs on *all* clients.



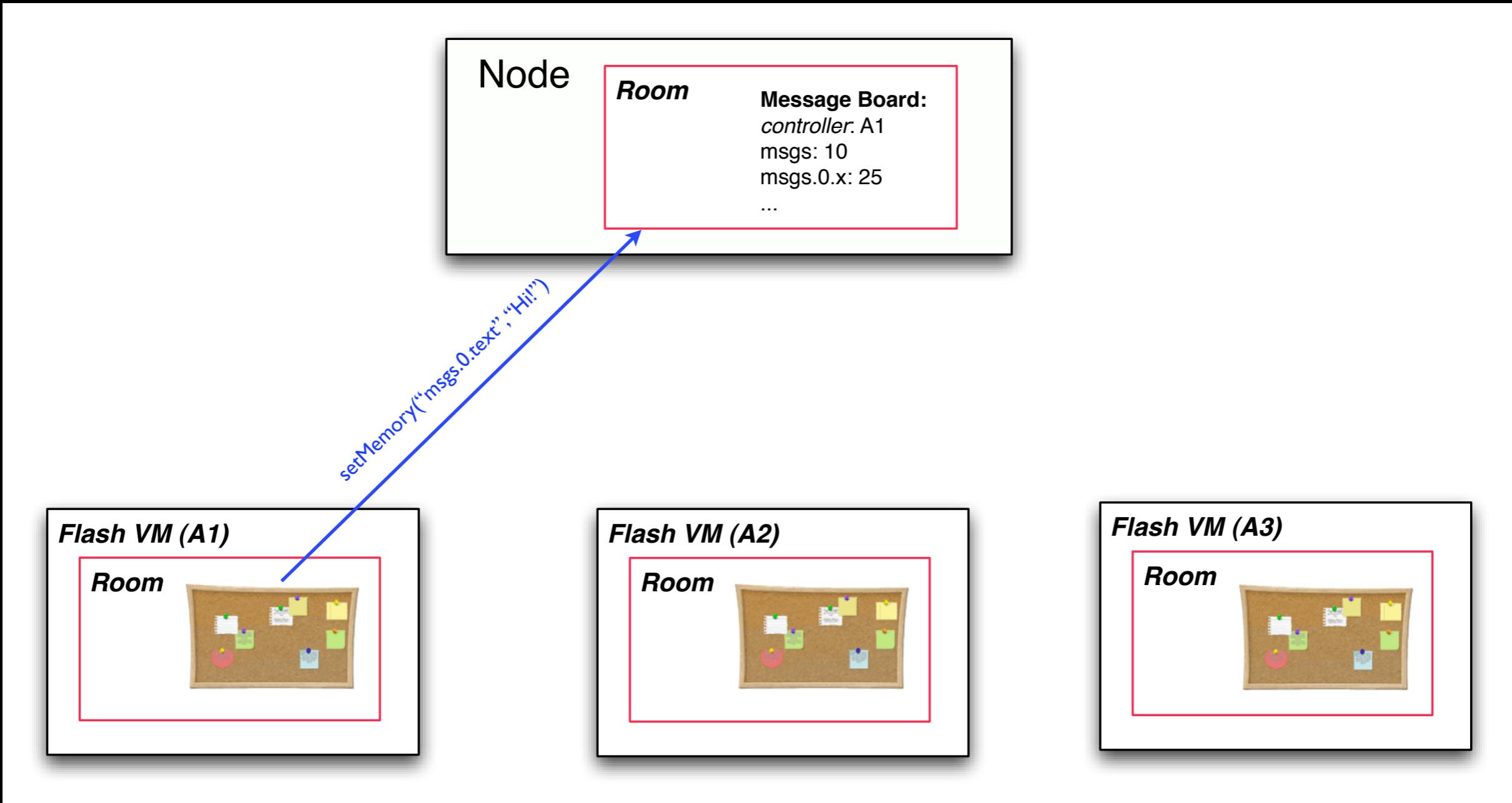
We simplify with control



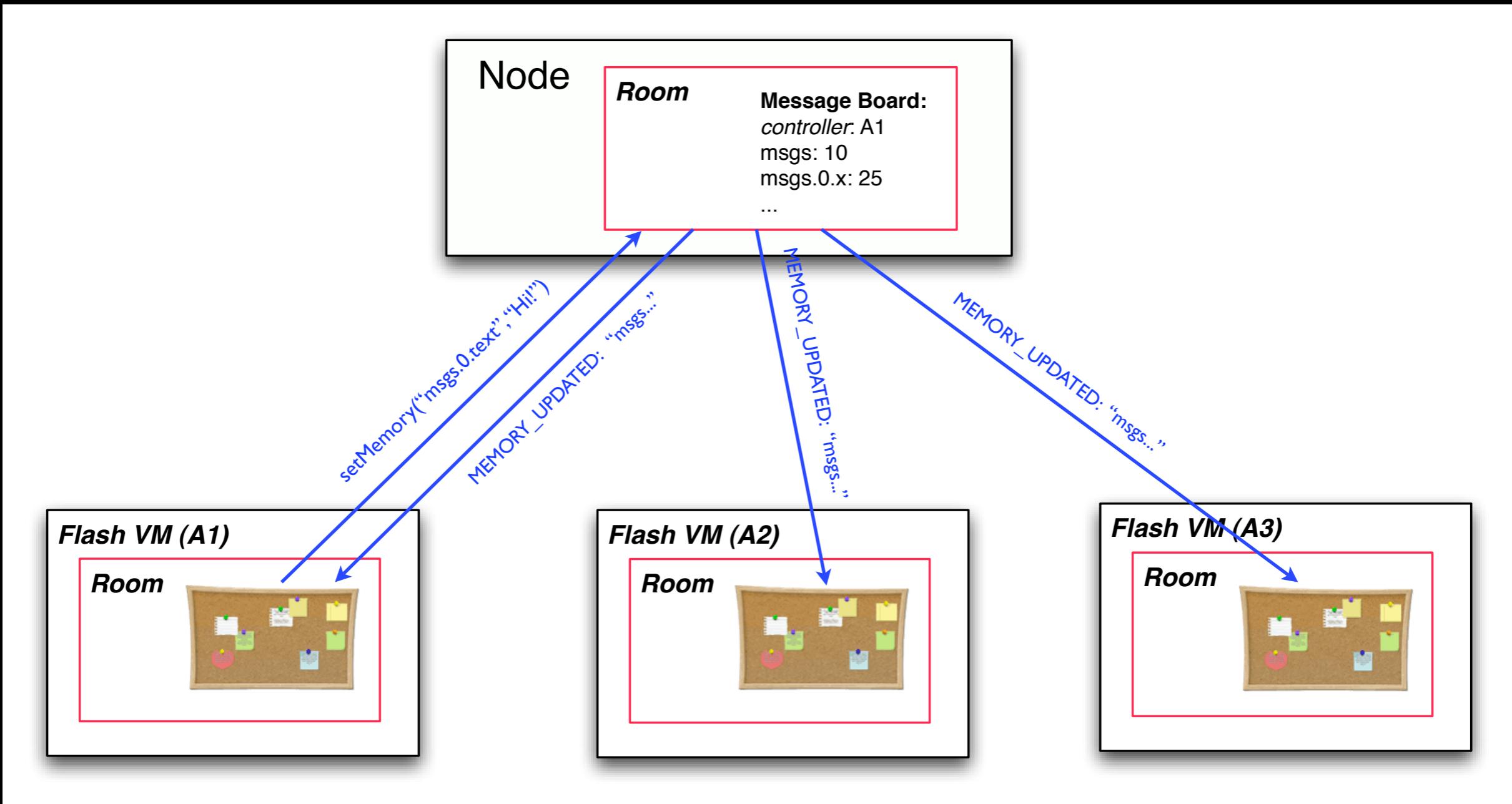
and actions



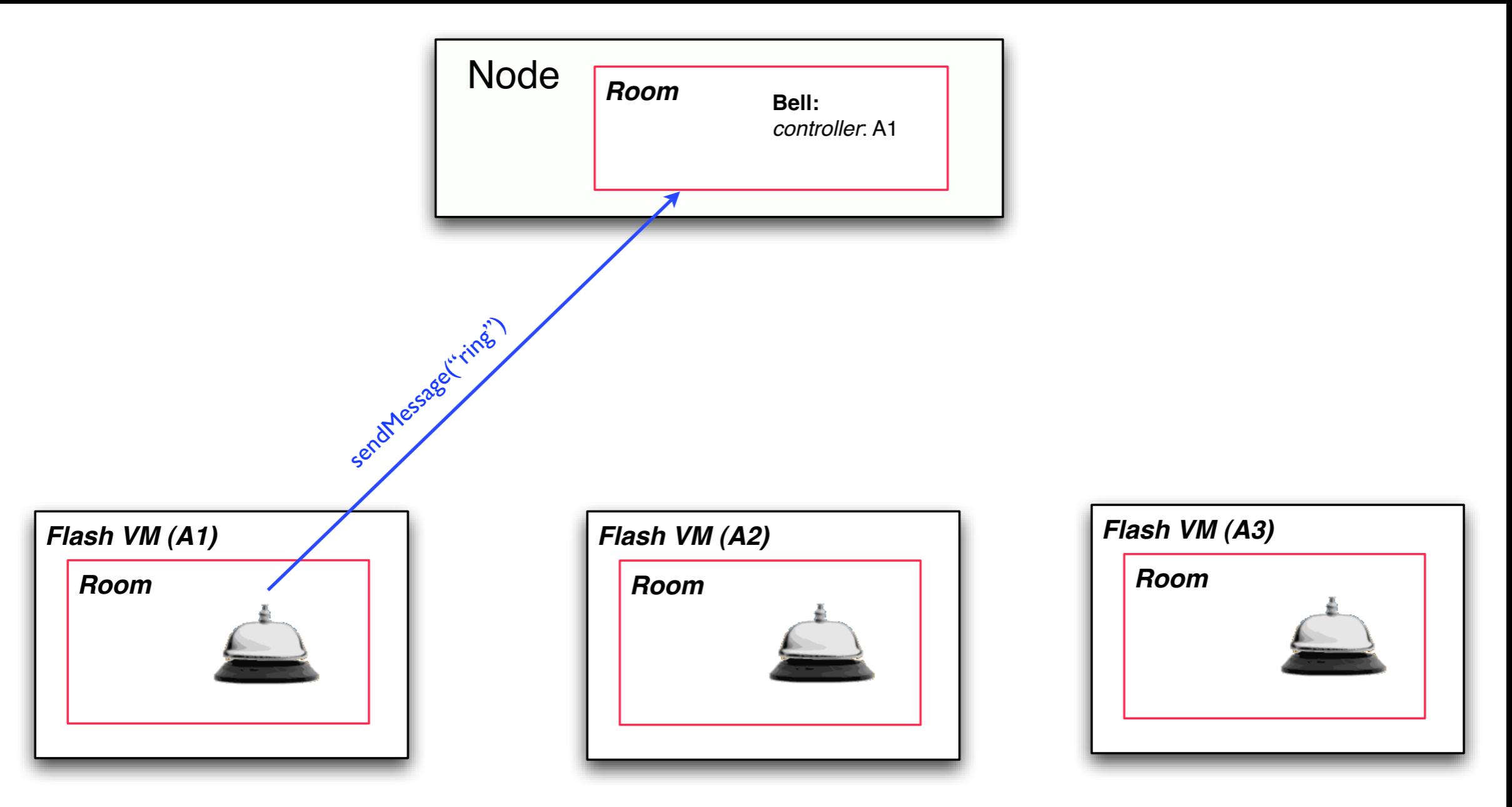
and actions



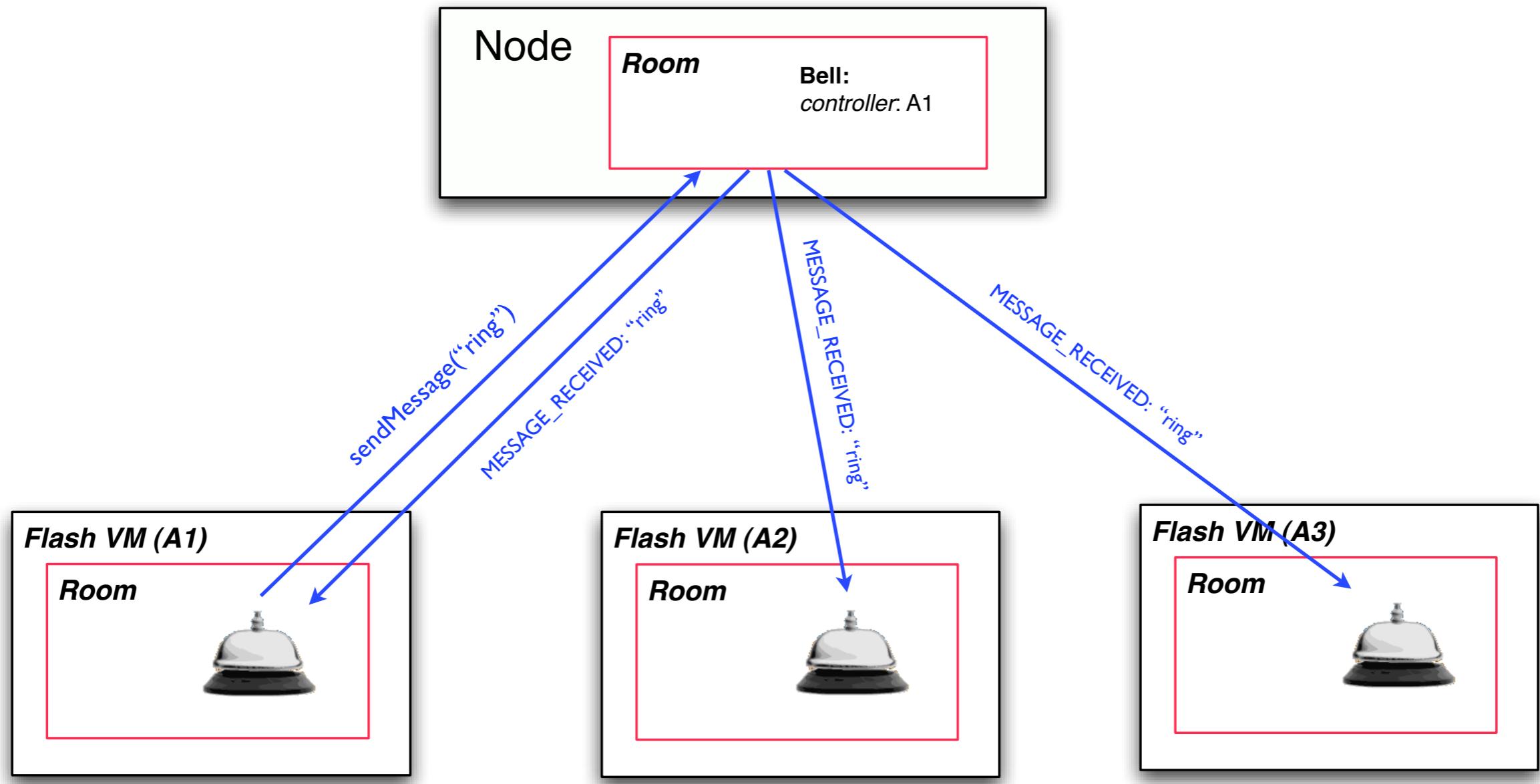
and memory



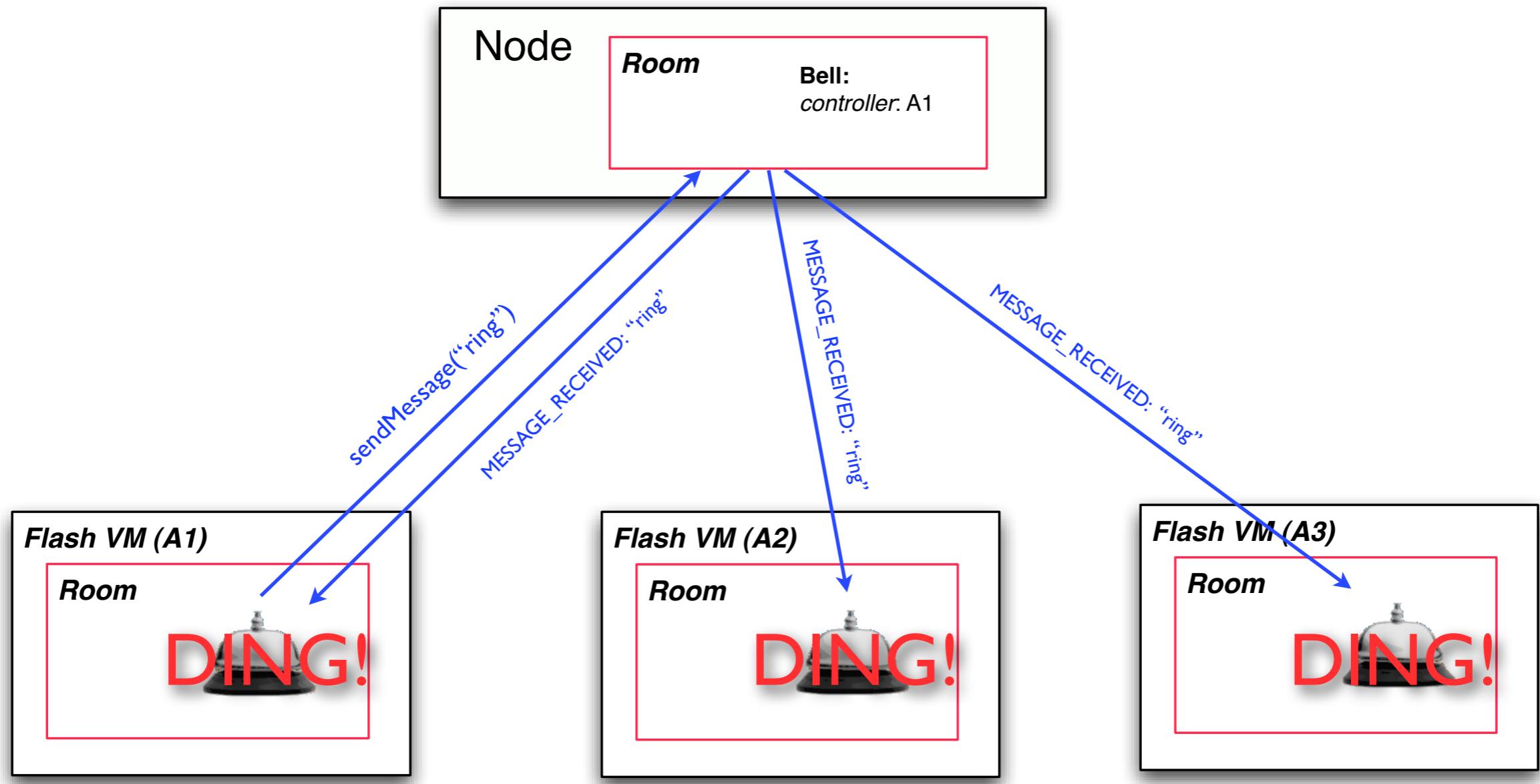
and memory



and messages and signals.



and messages and signals.



and messages and signals.

**beta**  
**Whirled**

me stuff games rooms groups shop

**Stuff** My Stuff | Avatars

**My Avatars**

Search Avatars <search> Go!

Avatars Furniture Backdrops Toys Pets Games Level Packs Item Packs Images Music Videos

Show: All Page: 1 2 3 Prev Next

Whirldian In use	Rowena Livingston Not in use	Arcanist Not in use	Starter Deck (Elemental) Not in use
Globoid Not in use	The Thing! Not in use	Professor Billingsworth Not in use	QBtar Red Not in use
Flower Not in use	Hipster Guy Not in use	Kawaii Knight (M) Not in use	Elasmosaurus Not in use

Whirled is Items.

## Create Avatar

Learn how to create your own avatars on our [wiki](#).

Avatars are usually SWF files. If you want to upload a plain image (animated gifs do not presently work inside Whirled), we can convert it into a cheesy bouncing avatar (you can change a few settings).

Name

Avatar Media

Avatar as seen in rooms

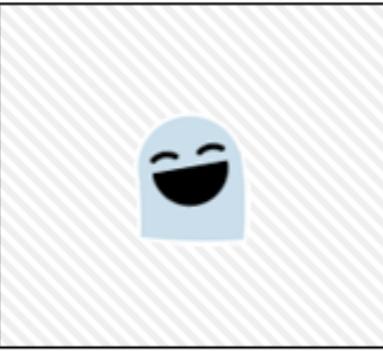


[Paint a new image](#)

[Upload a new file](#)

Thumbnail Media

Small image shown in My Stuff and the Shop



Max size: 80x60. Larger images will be scaled down to that size.

[Edit image](#)

[Paint a new image](#)

[Upload a new file](#)

Description

This is shown if you list your item in the Shop

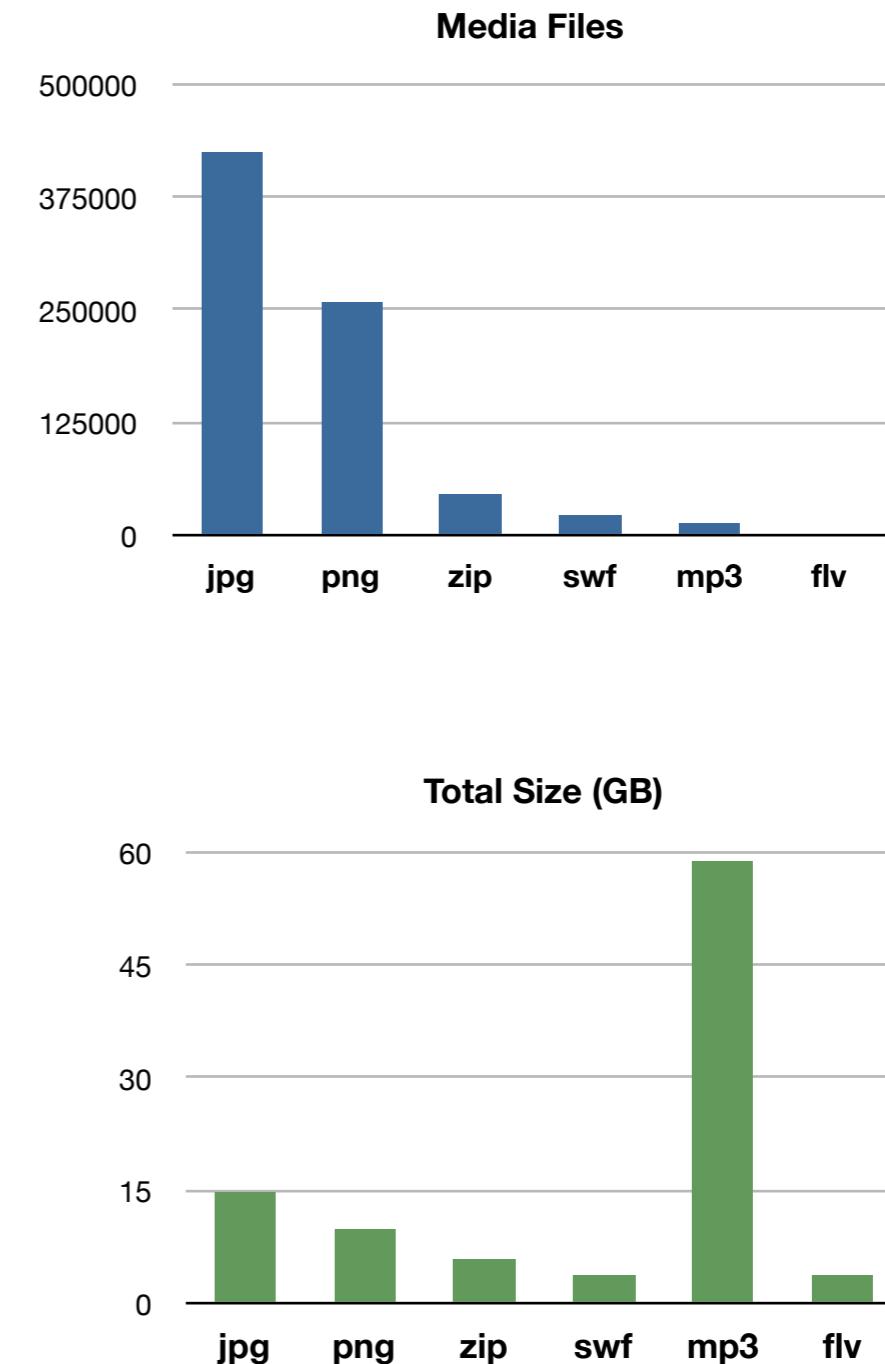
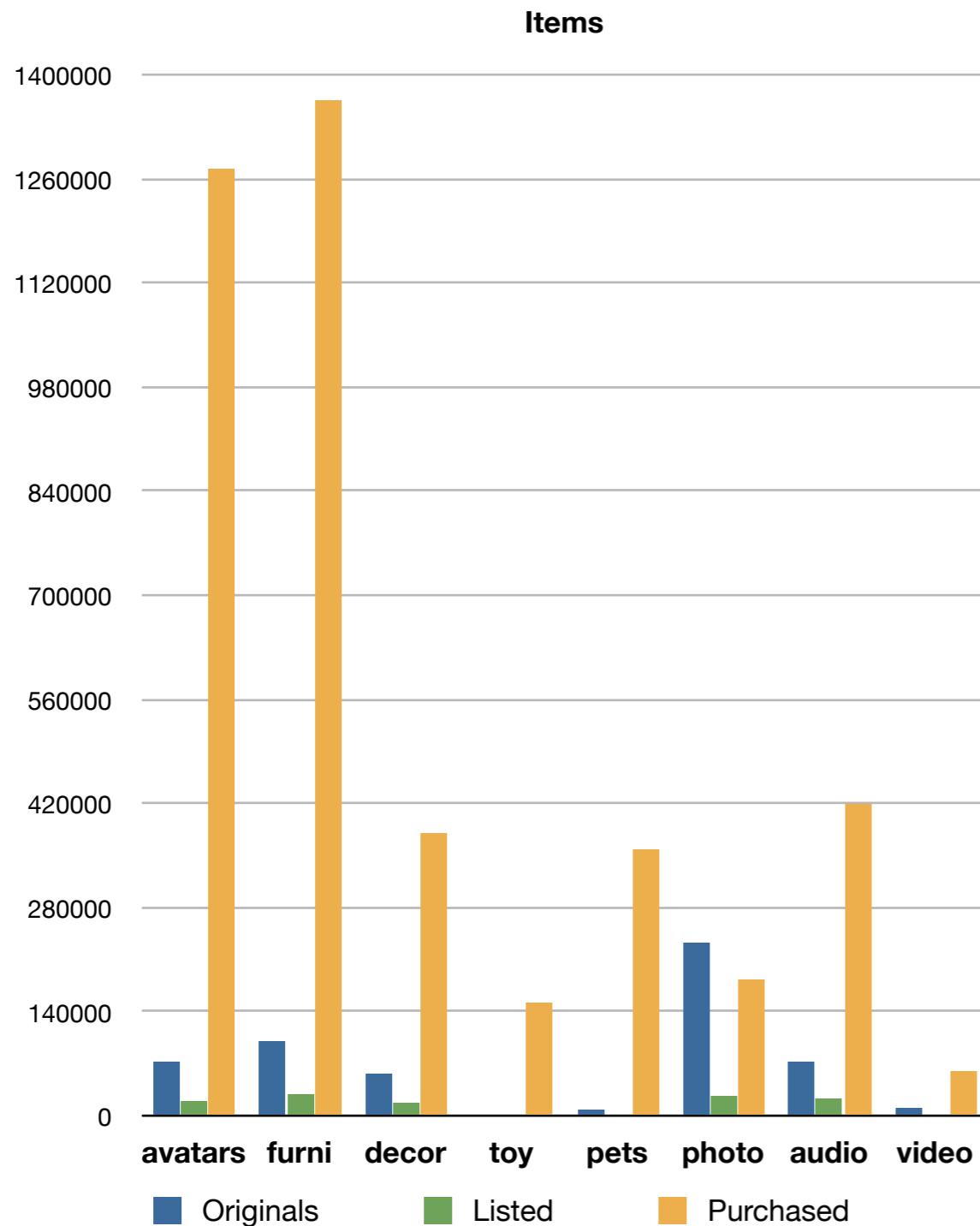
(Characters remaining: 200)

I affirm that I own all copyrights to the media used by this item or I have authorization to upload it

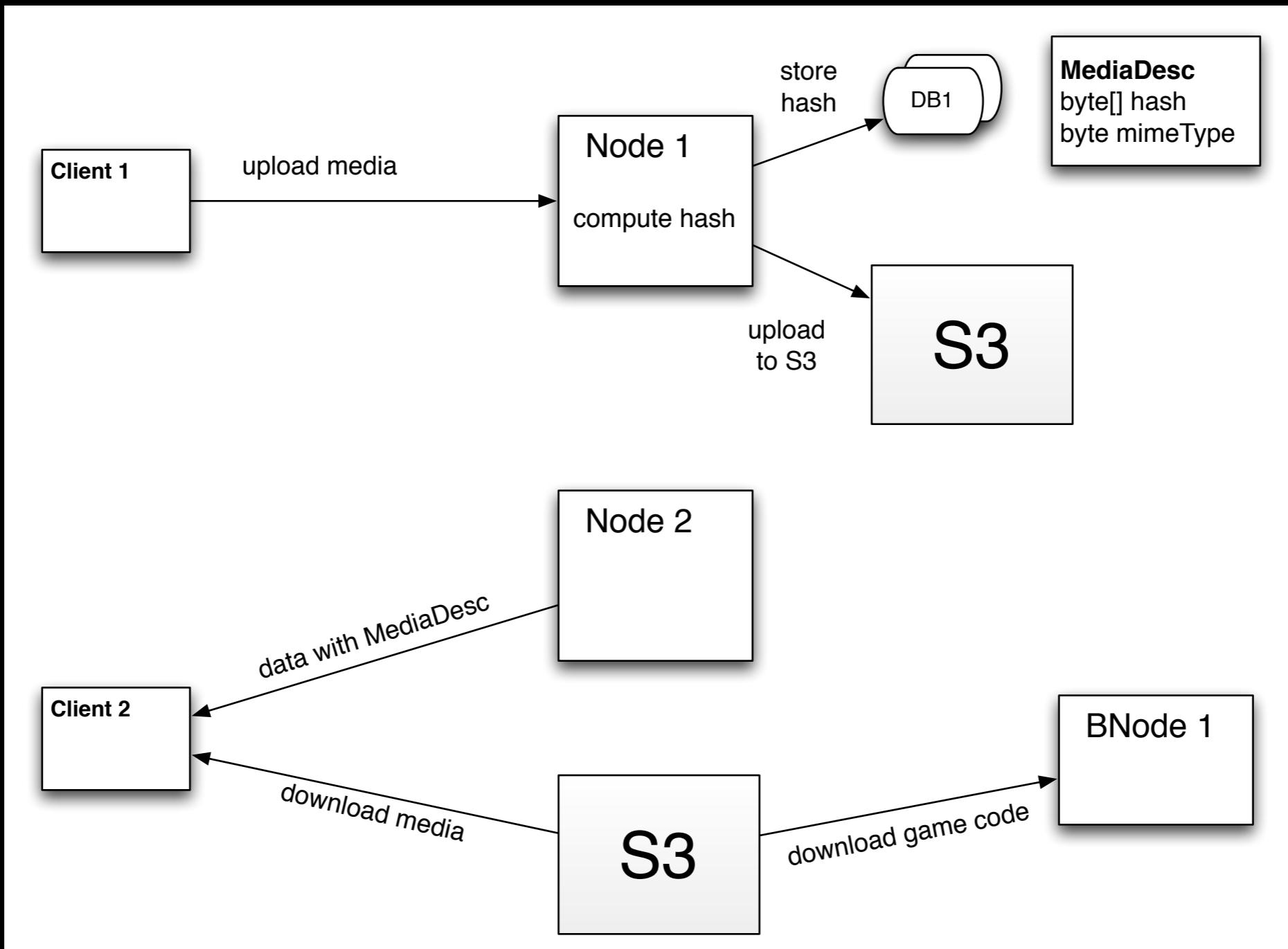
[Cancel](#)

[Save](#)

# Items are created by users.



Users make lots of items.



We keep all this data on S3.

Tentacle Gift



Type here to chat!

send



Items can be remixed.

```
<datapack>
<data name="bounciness" type="Number" value=".2" min="0" max="1"
      info="Determines how high the image should bounce during walking."/>
<data name="bounceFrequency" type="Number" value="400" min="200" max="1000"
      info="The frequency of the bouncing, in milliseconds."/>
<data name="imageFacesRight" type="Boolean" value="false"
      info="Indicates that the image defaultly faces right."/>
<file name="image" type="DisplayObject" value="happyguy.png" maxWidth="600" maxHeight="450"
      info="The image that makes up this avatar."/>
<file name="_CONTENT" type="Blob" value="ImageFlipper.swf"/>
</datapack>
```

The screenshot shows a character creation interface titled "Remixable-Head-Guy". On the left, there's a preview window displaying a man's face with a speech bubble overlay containing the text "CREATE Your own Head!". Below the preview is a toolbar with various editing tools: Position Image, Scale Image, Rotate Image, Crop Image, Zoom, Dark background, Erase and Paint, Brush Size, Undo Mistakes, Cancel, and Save. In the center, a 3D character model is standing on a wooden floor. The character has a placeholder head. A large blue callout box highlights the "head" component in the "Remixable Options" panel at the top right.

Remixable Options

Component	Value / Remix
head	default.png

An image to use as the head. [View/Edit](#)

Remixable-Head-Guy

head

Change... Preview

- Use one of your images...
- Upload a new file...
- Create a new image...
- Use a file from the remix...

Edit default.png (250x250) Cancel Save

This is mostly some editors  
and a file format.

**Whirled** beta

me stuff games rooms groups shop

## Games

Games | My Trophies | My Favorites | New Games

### Featured Games

Top 200 Games Search for Games

Action / Arcade | MMO / Whirled | Strategy | Puzzle | Adventure / RPG | Word | Card / Board | Sports / Racing | Other

#### Top 20 Games

1	 Corpse Craft 18 playing now!
2	 Brawler Whirled 9 playing now!
3	 LOLcaptions 37 playing now!
4	 QBeez Whirled 14 playing now!
5	 Fantastic Contraption 18 playing now!
6	 Exploration Exploda 4 playing now!
7	 Multiplayer Pool 1 playing now!

Top 200 Games Search for Games

Action / Arcade | MMO / Whirled | Strategy | Puzzle | Adventure / RPG | Word | Card / Board | Sports / Racing | Other

#### Featured Game

  
**Wyvern (Beta)**  
Adventure / RPG  
by Aduros  
Explore dangerous dungeons, collect treasure and build your own worlds for other hapless adventur...

59 playing now! **PLAY**

Prev Games Next

#### Browse by Category

Action / Arcade

 Corpse Craft  
Build an army of reanimated corpses

MMO / Whirled

 Bella Bingo  
Bingo for fashionistas!

Whirled is Games.

## Compare Trophies

[Games](#) | [My Trophies](#) | [My Favorites](#) | [New Games](#)Dictionary AttackCleaverMikeness**Word Ensign**

Awarded for scoring over 20 points in a single player game.



Oct 15, 2007



Oct 09, 2007

**Lieutenant Lexicon**

Awarded for scoring over 30 points in a single player game.



Oct 15, 2007



Oct 09, 2007

**Commodore Cliché**

Awarded for scoring over 40 points in a single player game.



Not yet earned. Oct 09, 2007

**Vice Admiral Verbiage**

Awarded for scoring over 50 points in a single player game.



Not yet earned. Feb 19

# Games can award trophies, prizes.



Shop | Level Packs | My Favorites | Transactions | Buy Bars

## Pink Level Pack

by Skunk Studios (Browse)

Perfectly clear the last level of this pack and win the Pink Qbee Avatar. Yep. Pink and juicy!

Listed on: Nov 06, 2008  
Purchases: 203  
Favorites: 35

[Reprice](#) | [Delist](#) | [View original](#)

**Buy** 5  
That's only 50 cents!

[Get bars!](#) **Buy** 56,574

Tags: crappy, cool, not, geez, khhh, fun  
Add Tag:  [Report...](#)

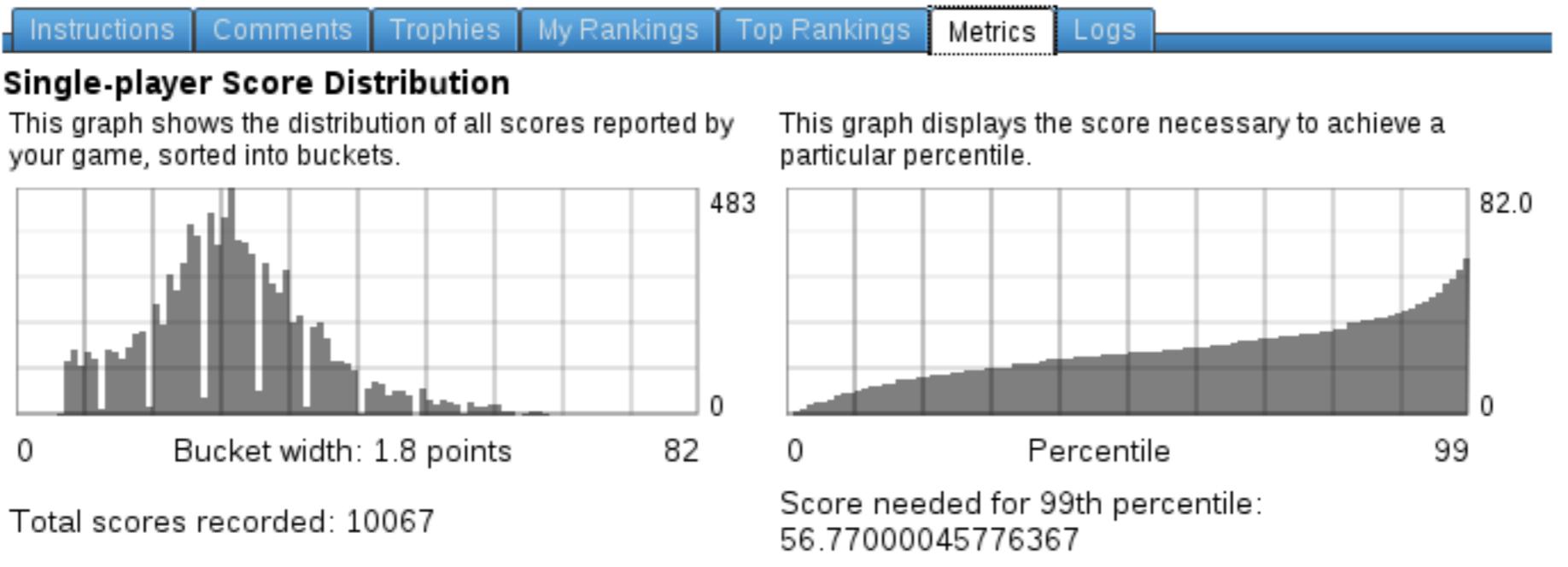
Comments  
 wolf on Feb 06 at 7:41am [delete] [complain]  
i can bye alot of those becuise i have 89 gold bars and i have 24,854 coins and i got the red avatar pack!!

Rating: 86 ratings

Rate it!

Favorite Share

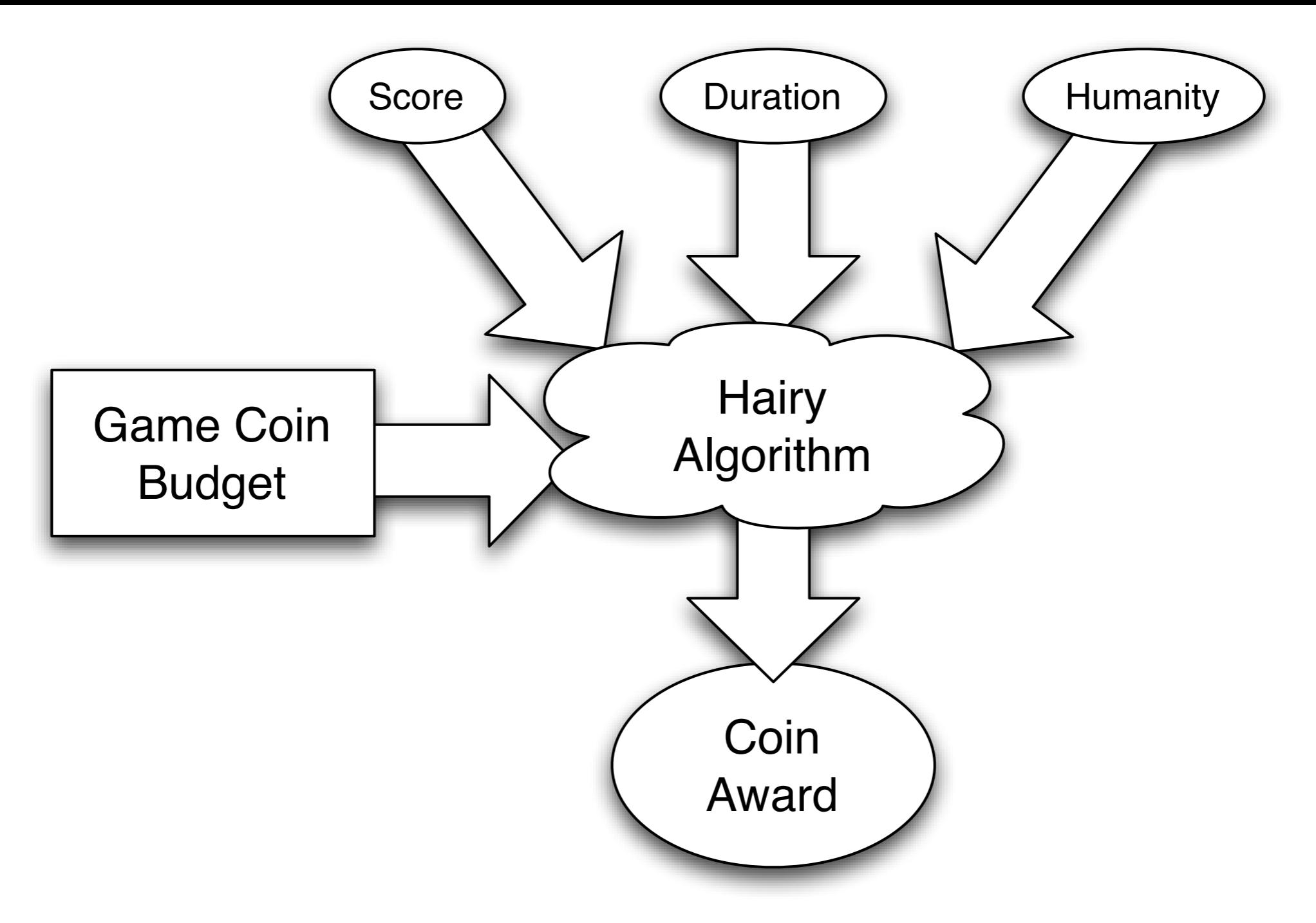
Games can sell content packs.



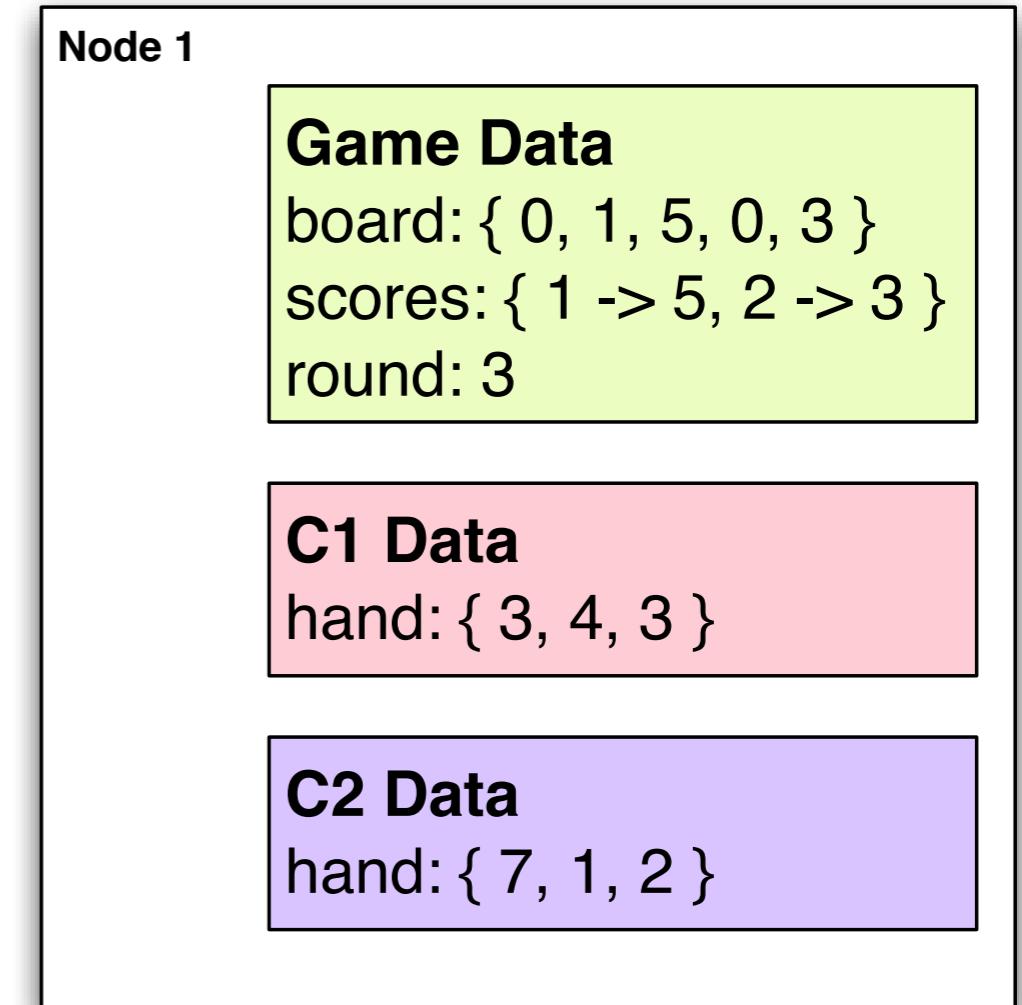
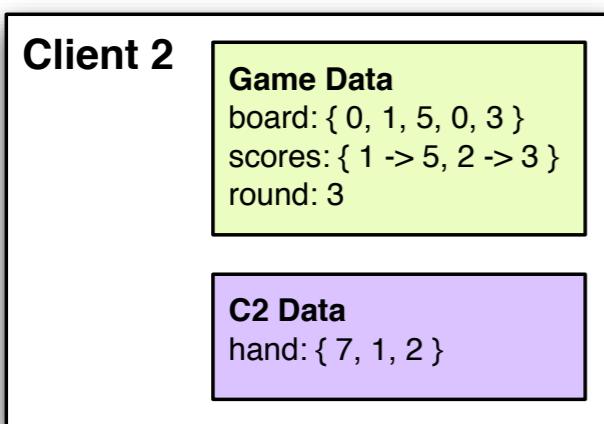
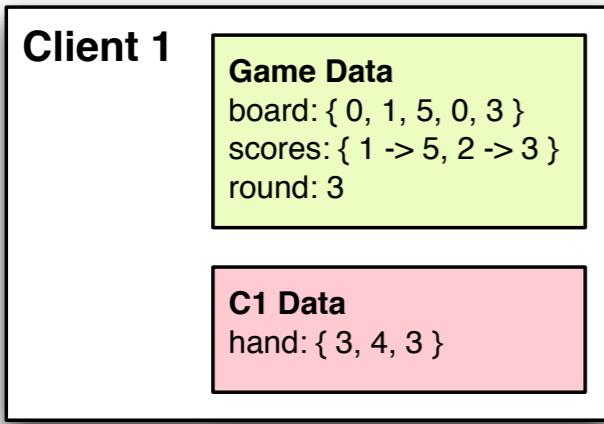
Instructions Comments Trophies My Rankings Top Rankings Metrics Logs

Single Player		Rating	Multiplayer		Rating
#1	<a href="#">Jes</a>	2508	#1	<a href="#">Jes</a>	1466
#2	<a href="#"><b>Mikeness</b></a>	<b>2237</b>	#2	<a href="#"><b>Mikeness</b></a>	<b>1355</b>
#3	<a href="#">Nemo</a>	2216	#3	<a href="#">Ex-Billiam</a>	1206
#4	<a href="#">mupparina</a>	2202	#4	<a href="#">Silver</a>	1181
#5	<a href="#">Zell</a>	2173	#5	<a href="#">Cleaver</a>	1170
#6	<a href="#">Comrade Anniya</a>	2121	#6	<a href="#">Jack Green</a>	1165
#7	<a href="#">Zefyr</a>	1853	#7	<a href="#">Zefyr</a>	1153
#8	<a href="#">Silver</a>	1823	#8	<a href="#">Cherub</a>	1118
#9	<a href="#">Brittney</a>	1792	#9	<a href="#">mupparina</a>	1034
#10	<a href="#">Aduros</a>	1630			

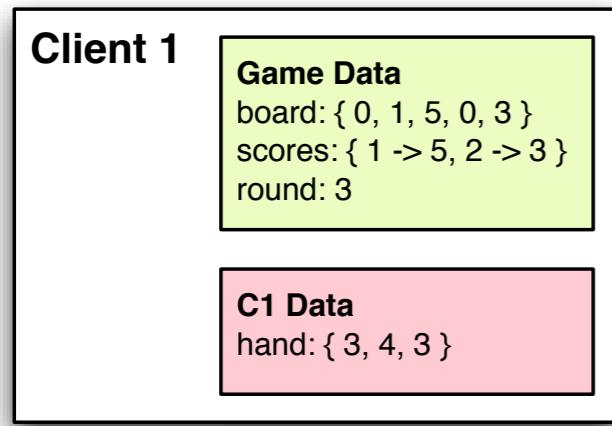
We handle single-  
and multiplayer ratings



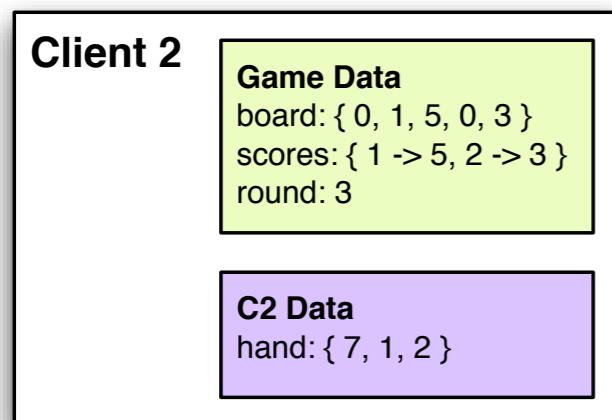
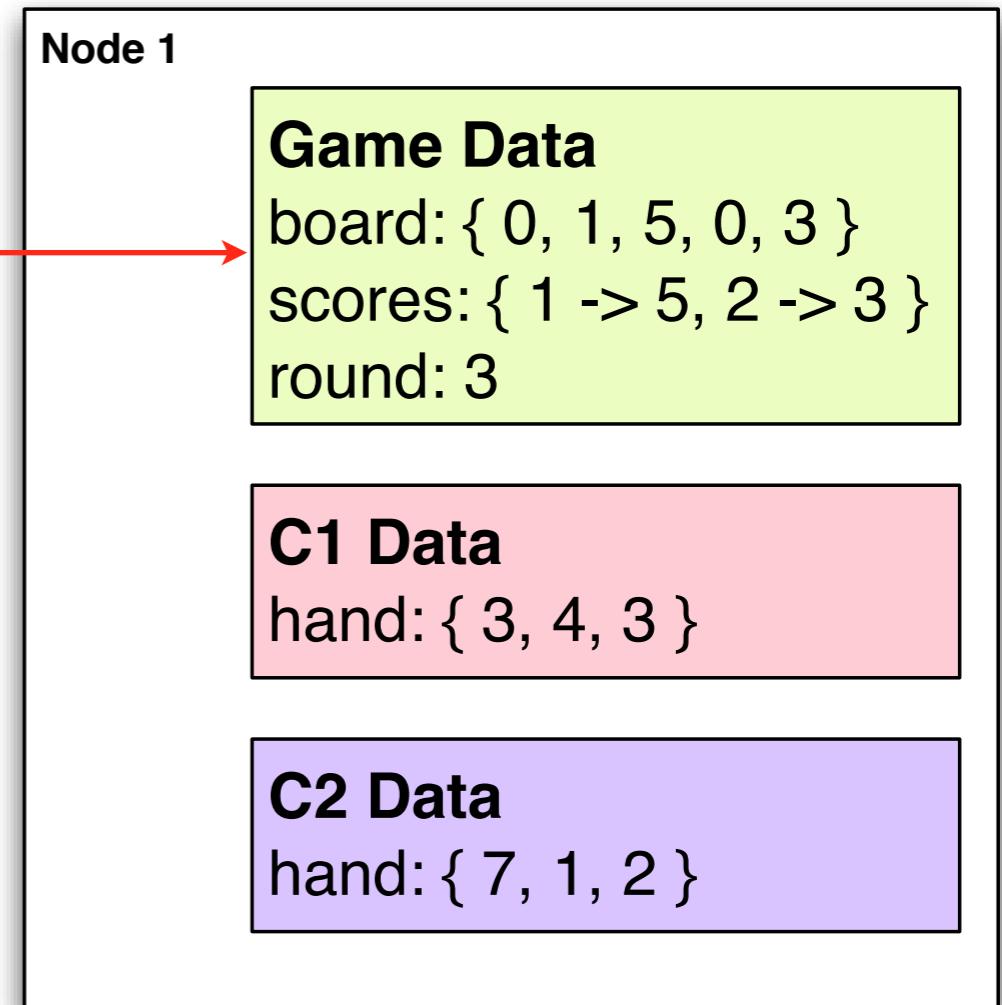
and the complexities  
of currency awarding.



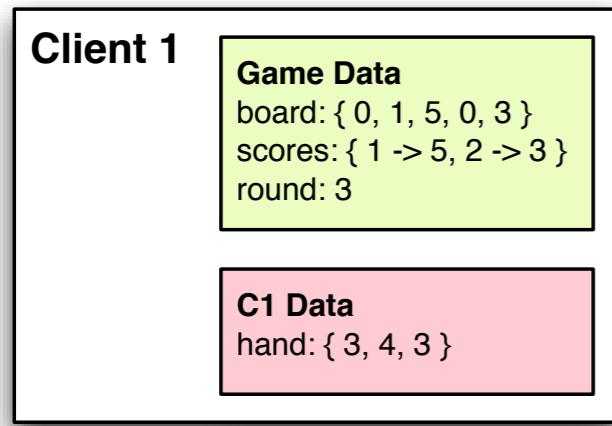
# Games can use multiplayer API.



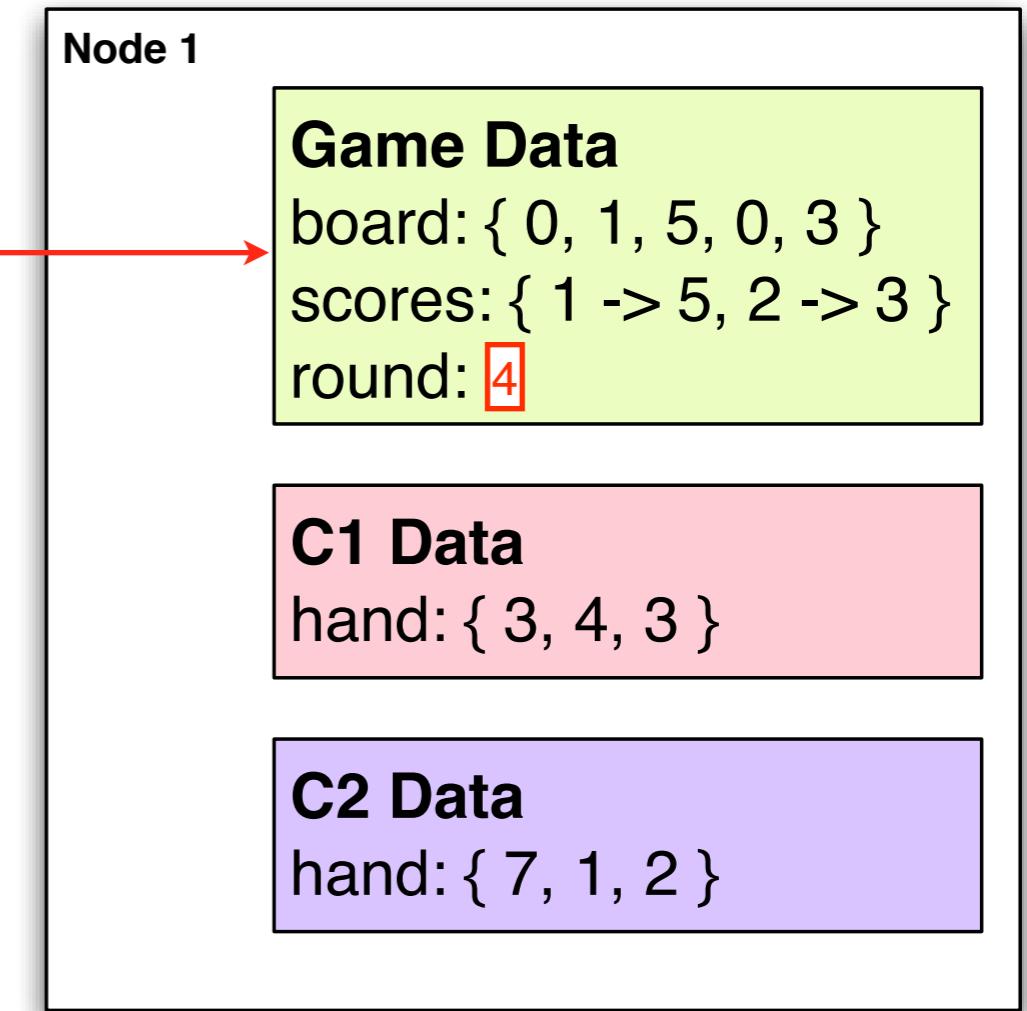
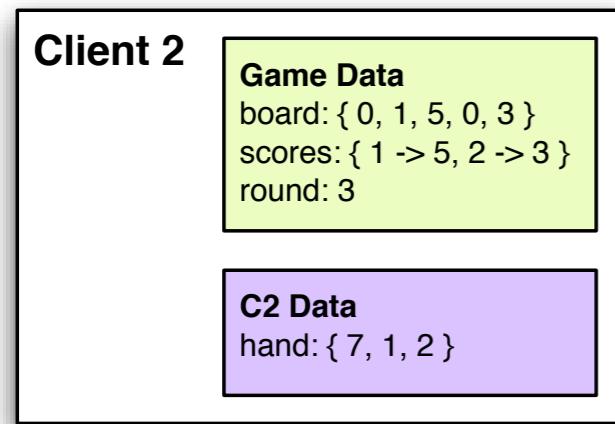
`set("round", 4)`



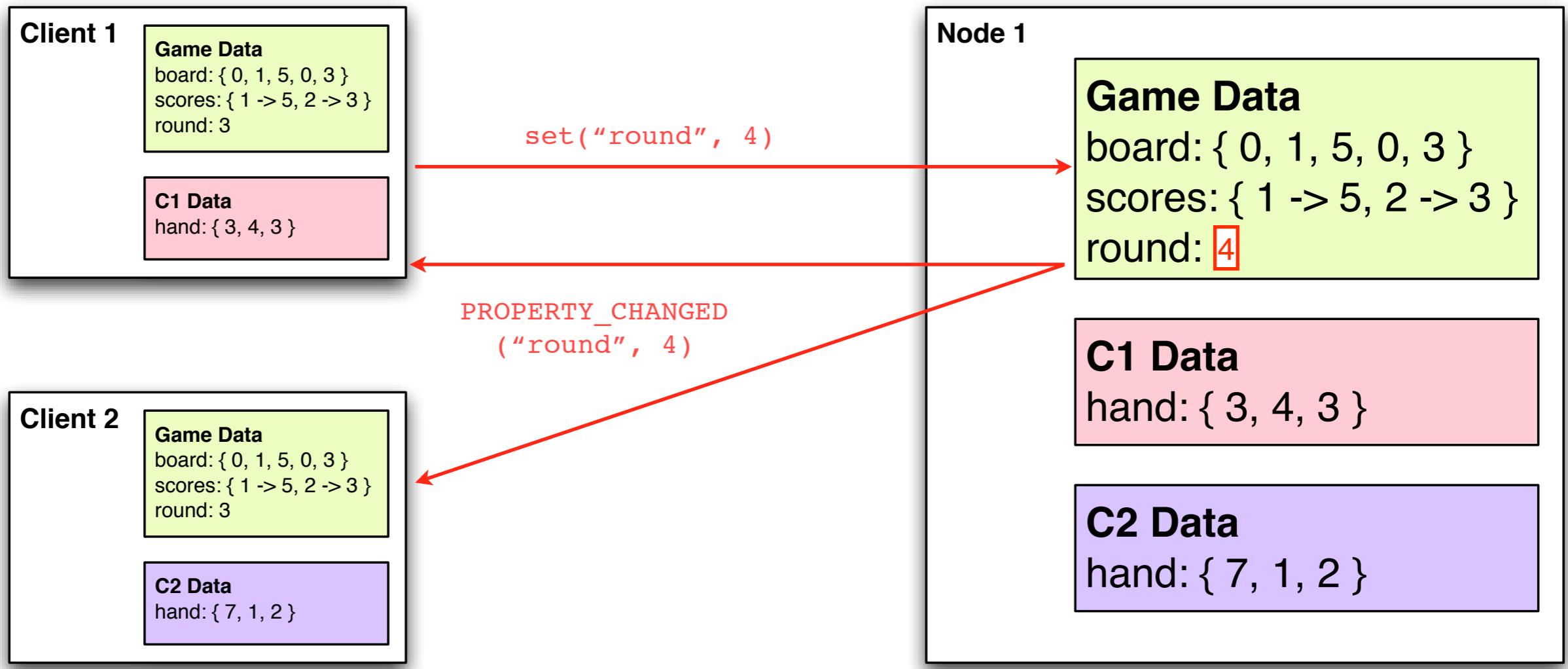
# Games can use multiplayer API.



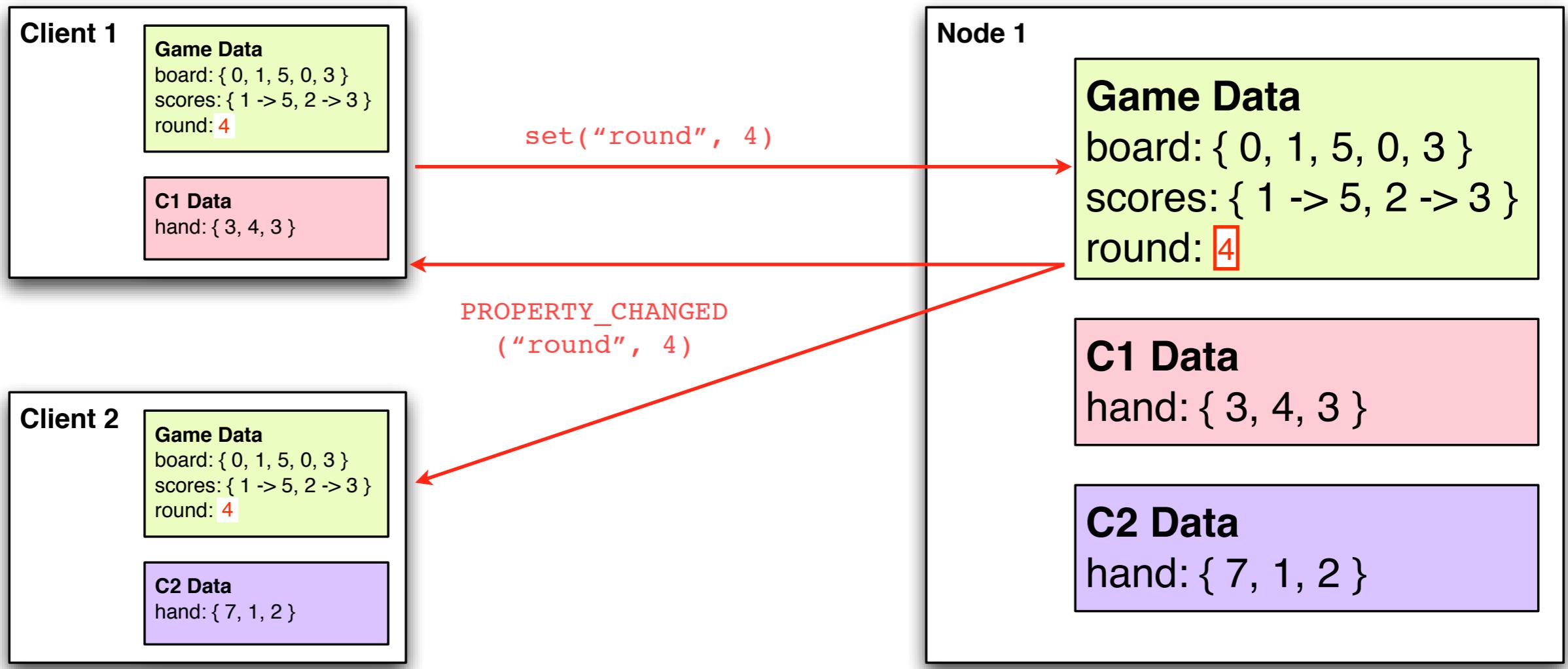
`set("round", 4)`



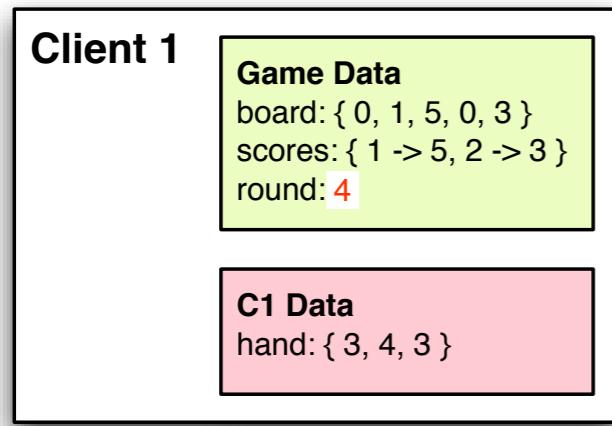
# Games can use multiplayer API.



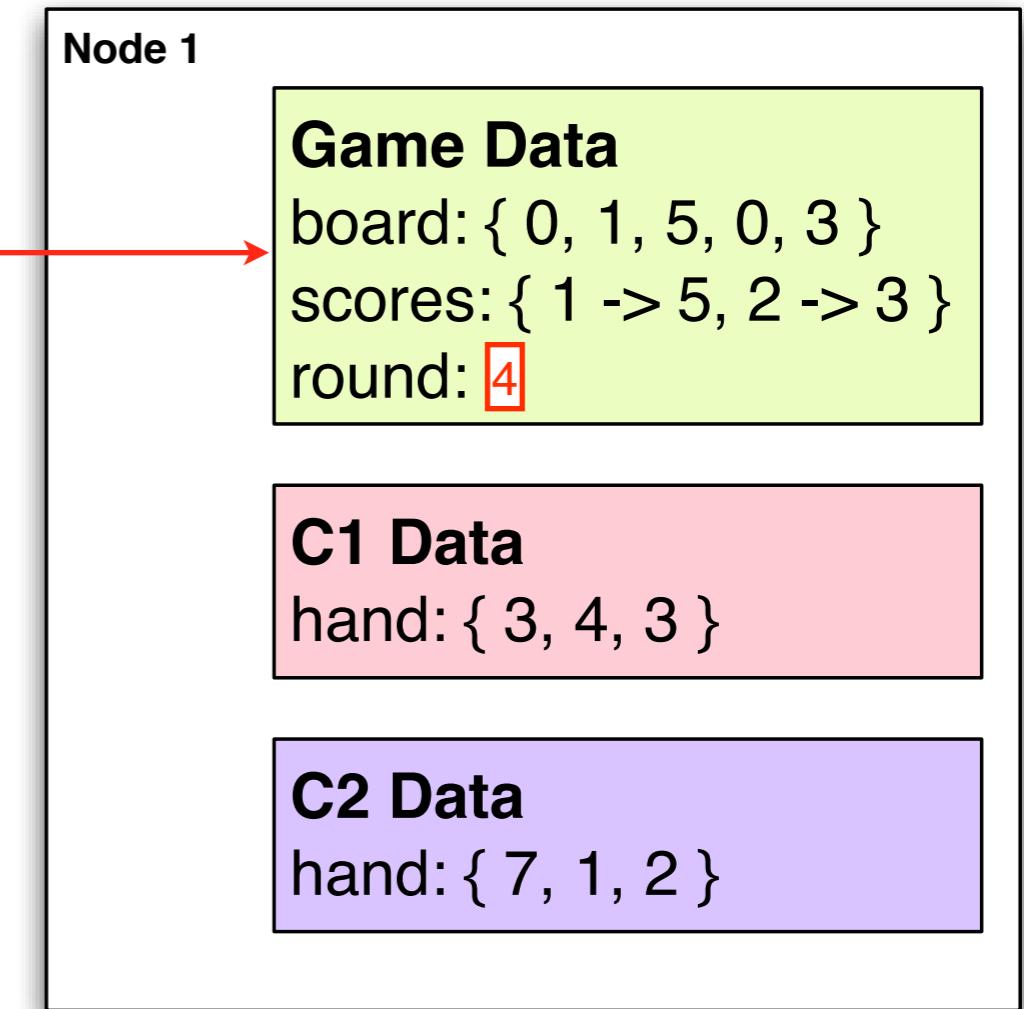
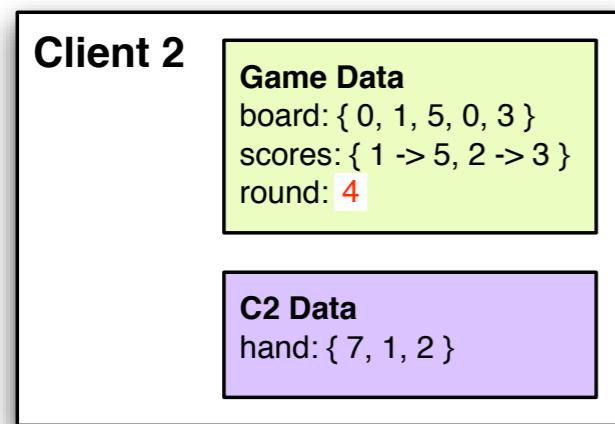
Games can use multiplayer API.



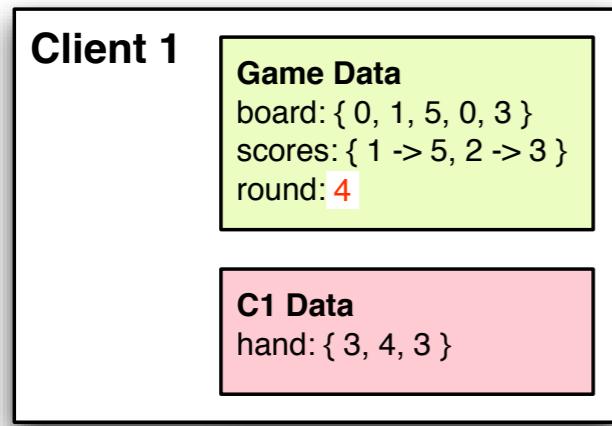
Games can use multiplayer API.



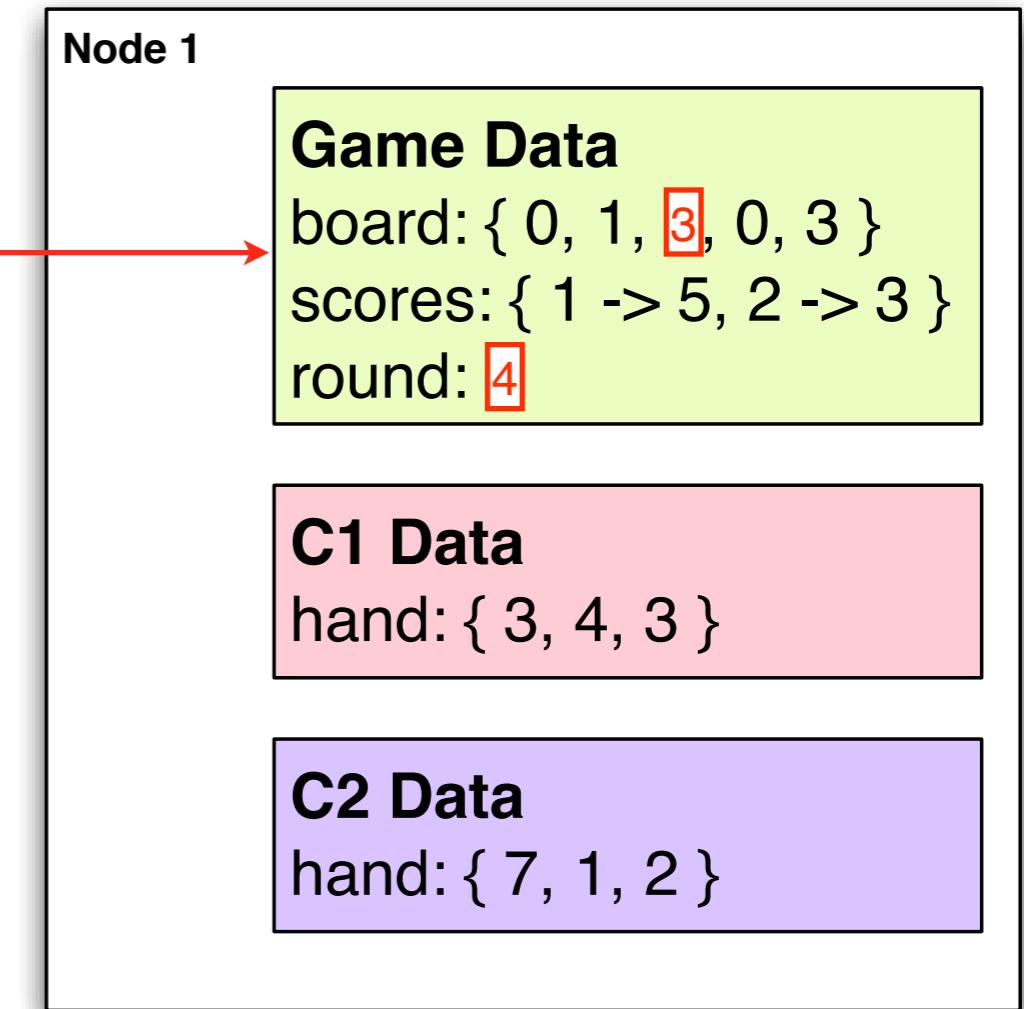
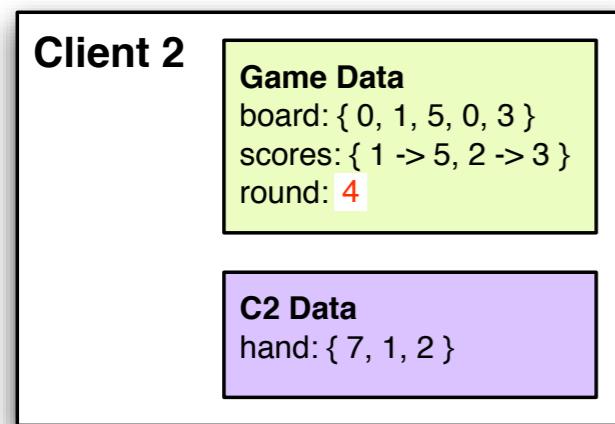
`setAt( "board", 2, 3 )`



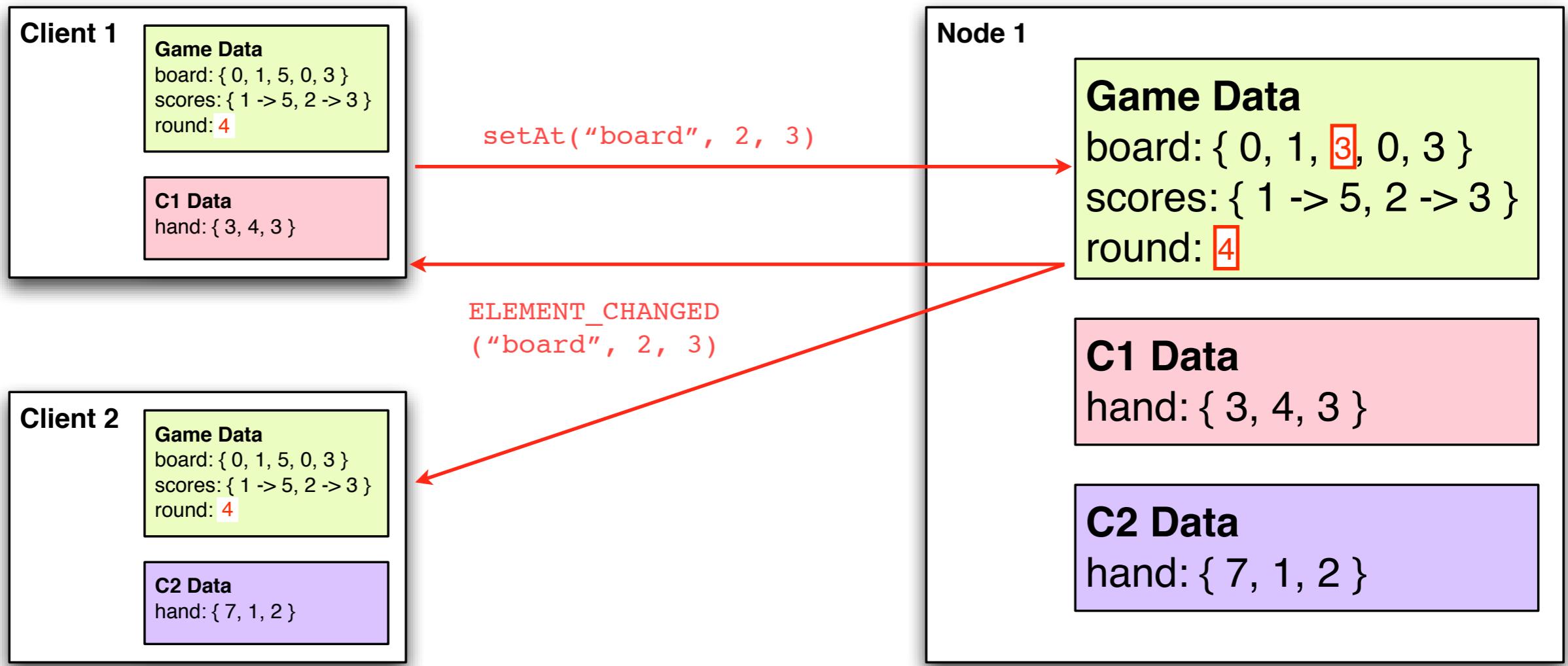
# Games can use multiplayer API.



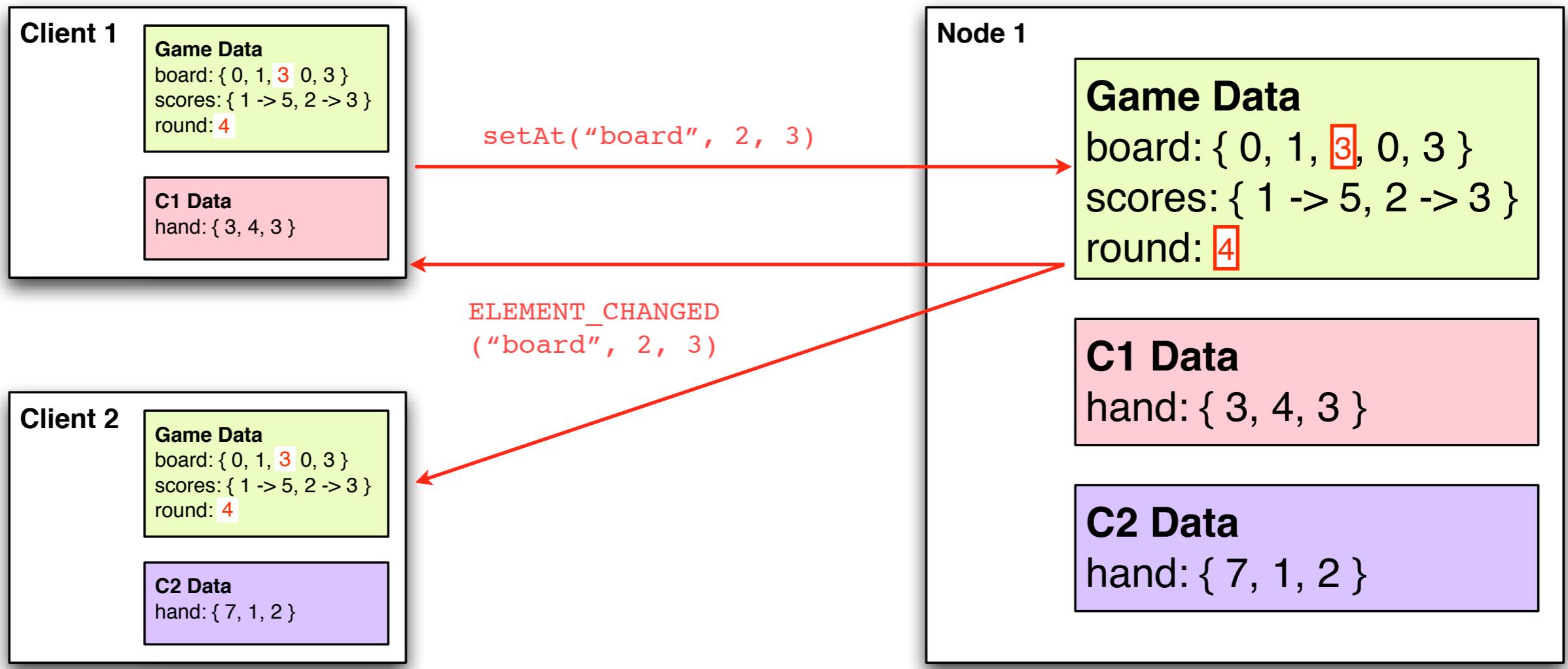
`setAt( "board", 2, 3 )`



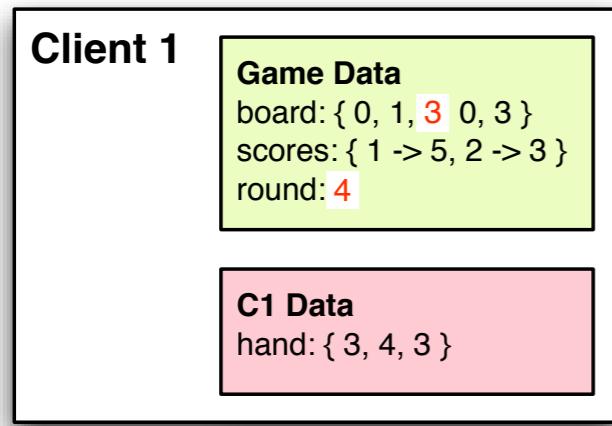
# Games can use multiplayer API.



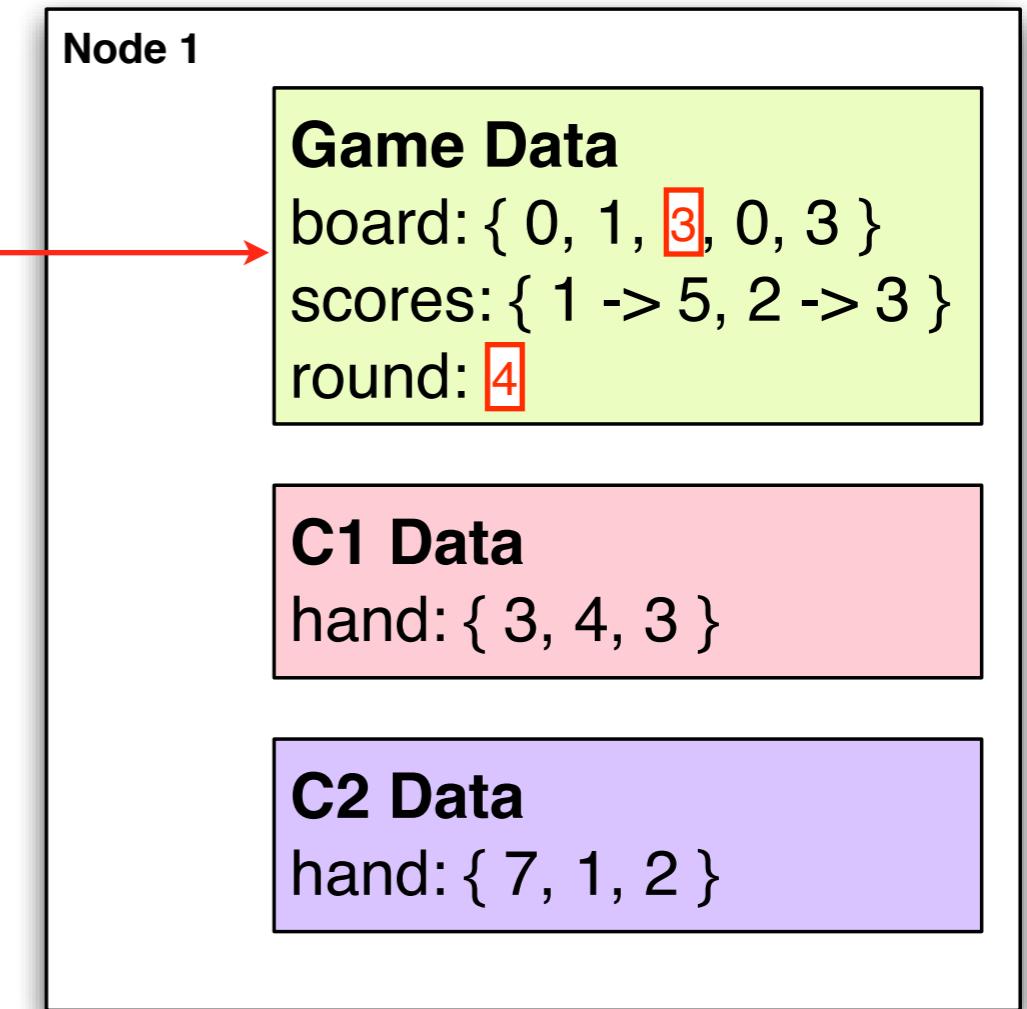
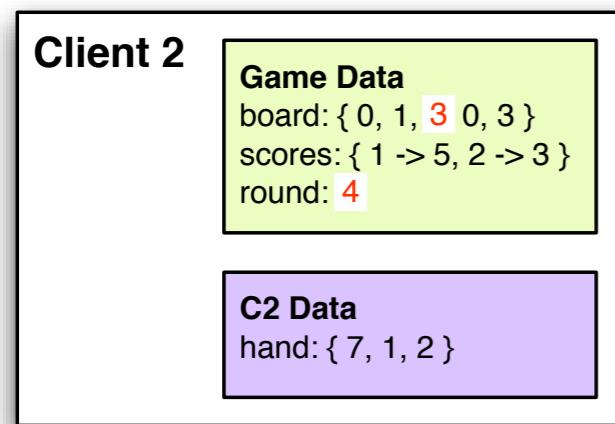
Games can use multiplayer API.



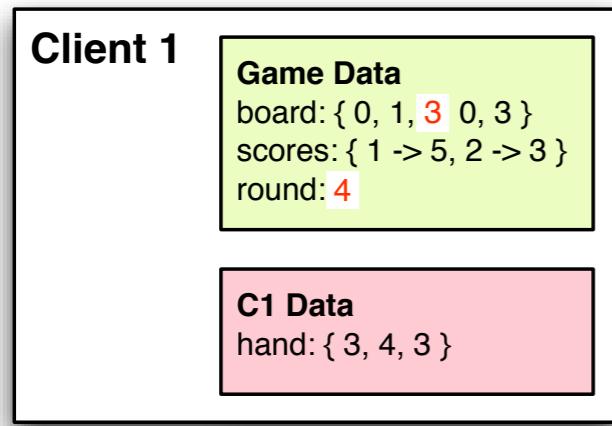
Games can use multiplayer API.



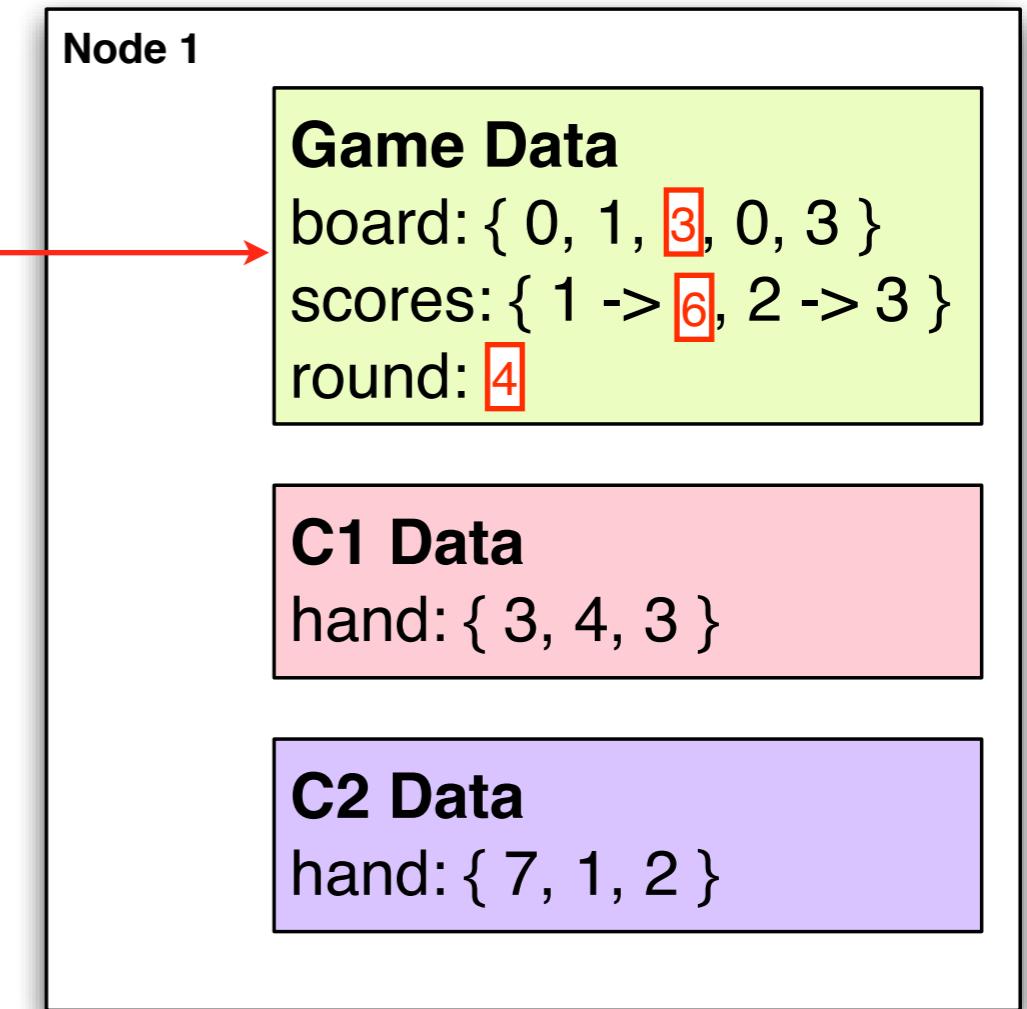
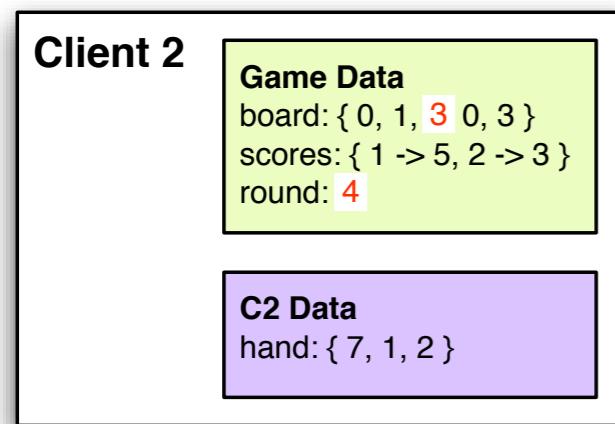
`setIn("scores", 1, 6)`



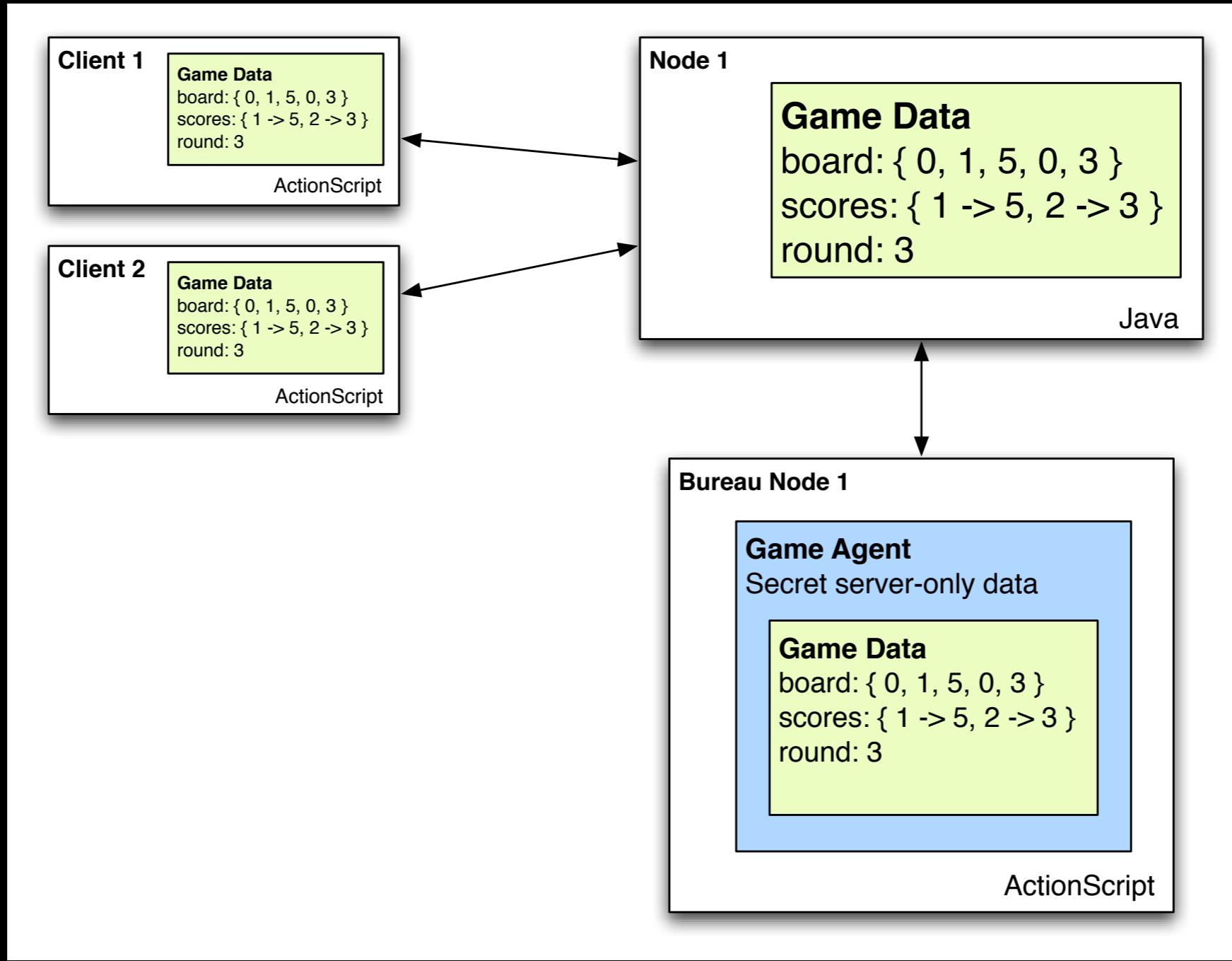
# Games can use multiplayer API.



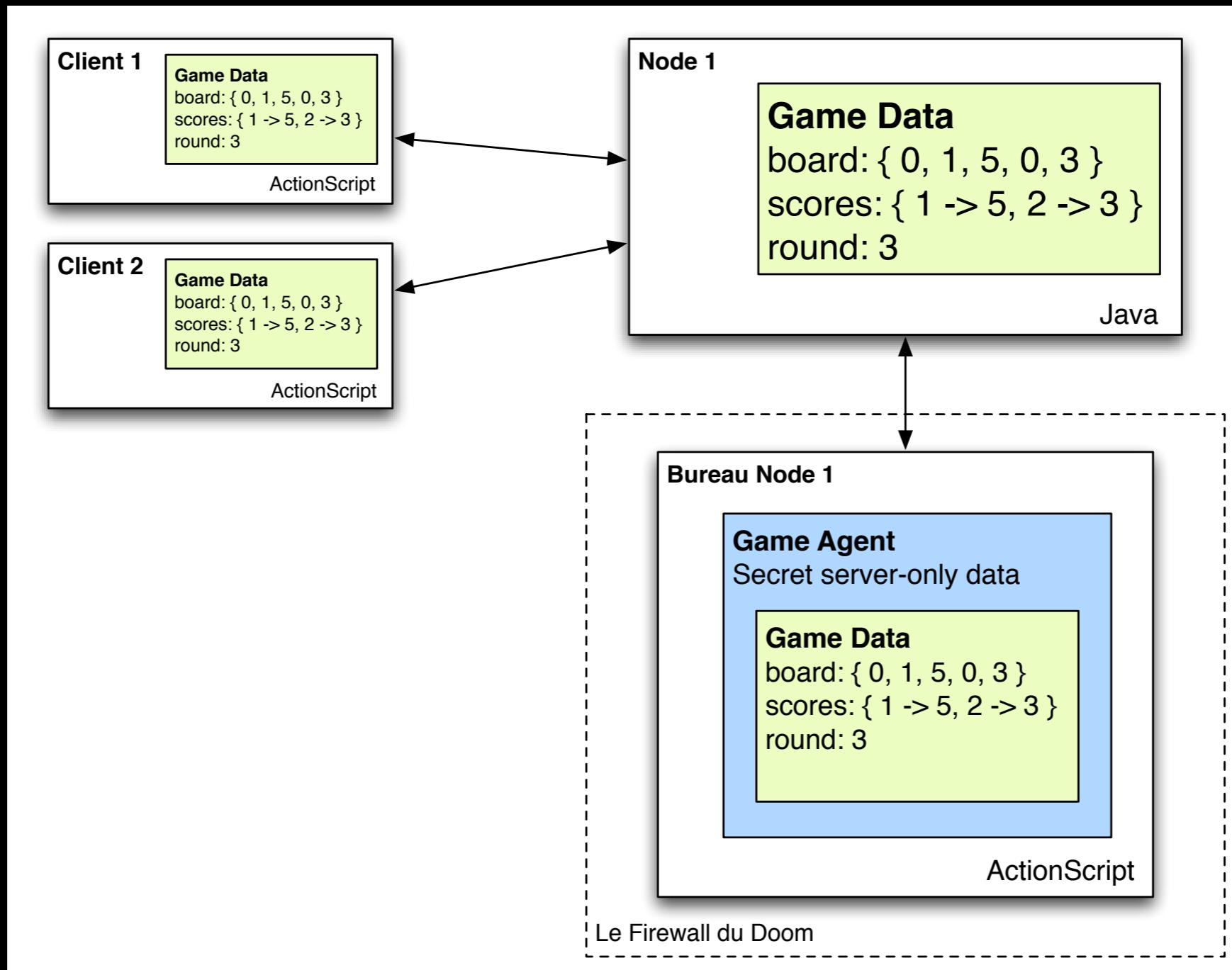
`setIn("scores", 1, 6)`



# Games can use multiplayer API.



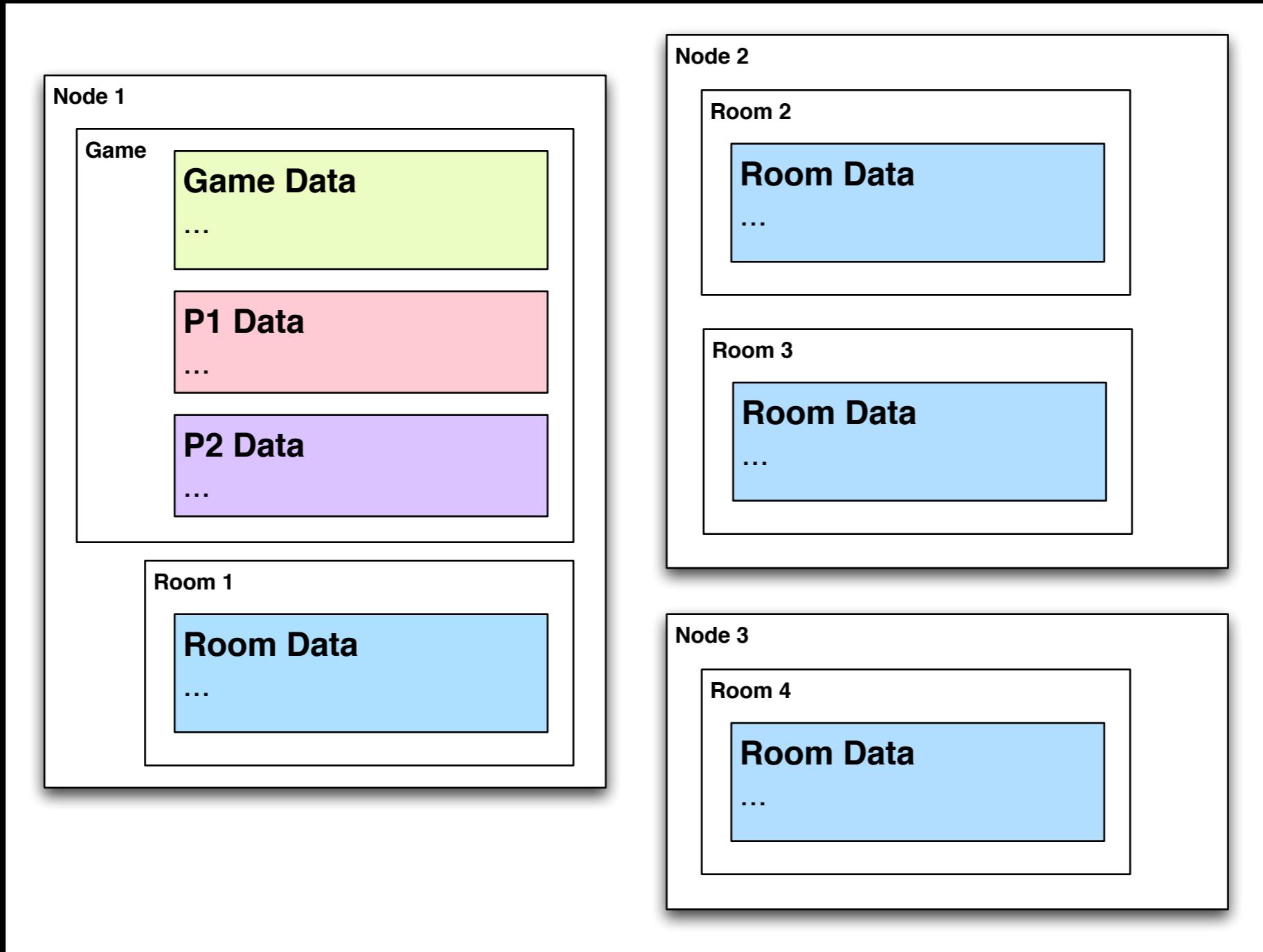
Control doesn't work well for games  
so we have server-side code.



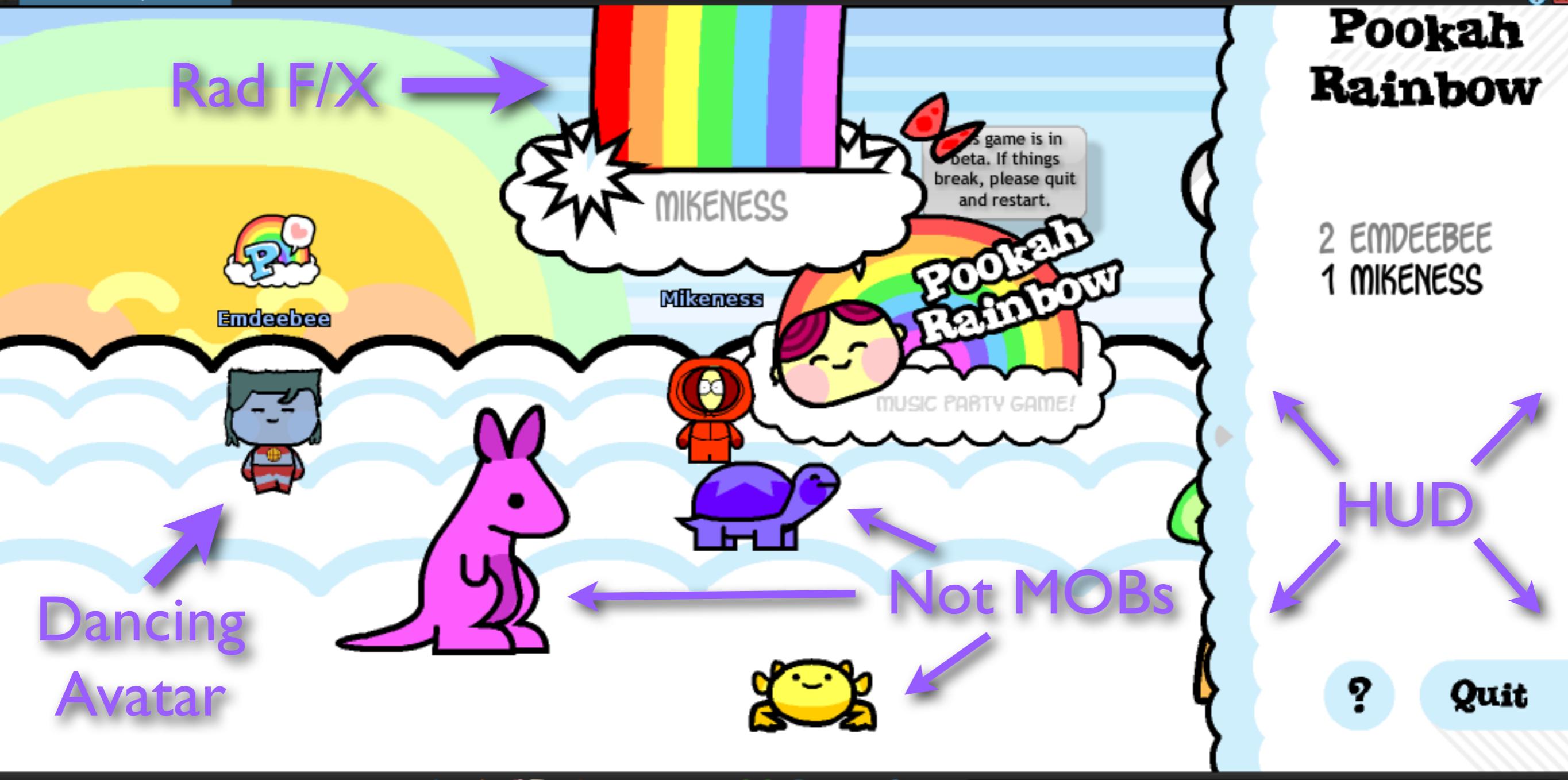
# Server-side code is scary.



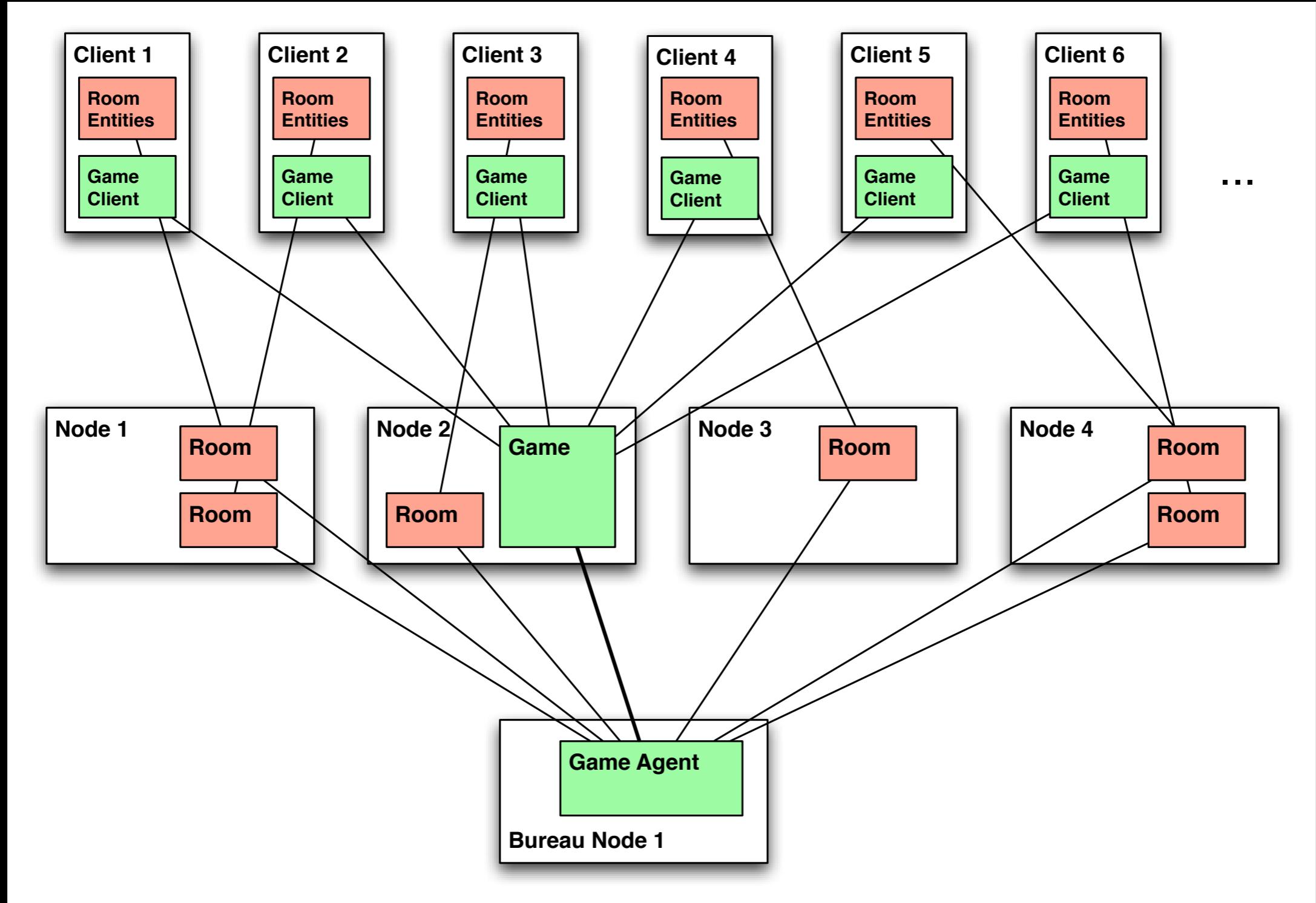
# Whirled is AVRGS.



The AVRG API is  
many property spaces



and MOBs, avatar control,  
effects, HUD and more.



AVRGs push the limits  
of our architecture.

# Any Questions?

(What? Where? When? Why? Who?)

Slides at: <http://samskivert.com/work/2009/gdc/WhirledTour.pdf>