

**HOW WE HANDLE 90%
OF OUR ANNUAL
TRAFFIC IN 5 MINS**

Phillip Johnson
Bolster.

The problem.



**Network Load
Balancer**



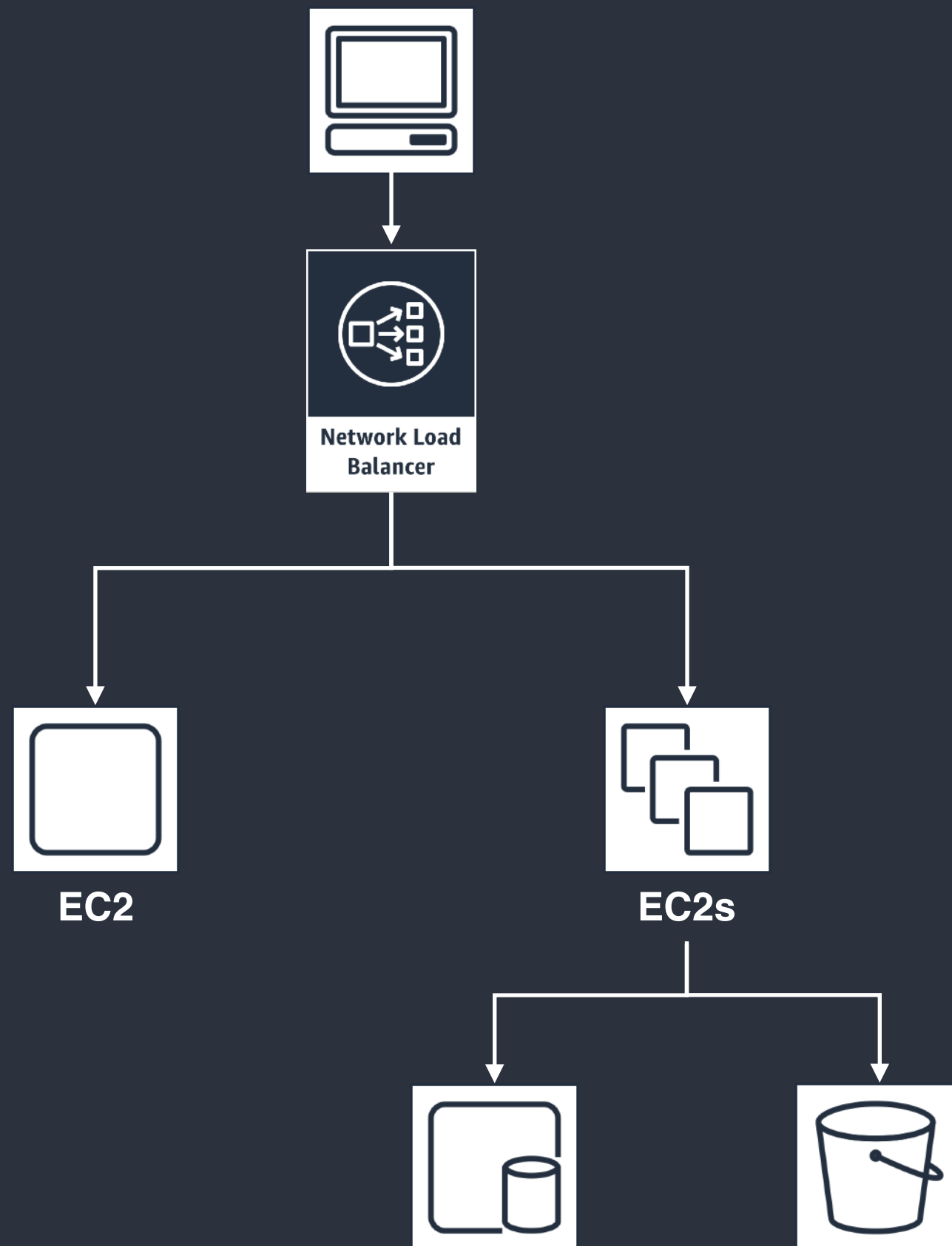
EC2s



RDS



S3



The Announce.

PRESENTED NATIONALLY BY

triple j Spotify

GROOVIN THE MOO

FEATURING IN ALPHABETICAL ORDER:

AGAINST ME! ^{USA} • ALLDAY • AMY SHARK • ARCHITECTS ^{UK}
THE DARKNESS ^{UK} • DILLON FRANCIS ^{USA} • GEORGE MAPLE
HAYDEN JAMES • THE JUNGLE GIANTS • K.FLAY ^{USA}
L-FRESH THE LION • LOYLE CARNER ^{UK} • METHYL ETHEL
MILKY CHANCE ^{GER} • MONTAIGNE • NORTHEAST PARTY HOUSE
SLUMBERJACK • THE SMITH STREET BAND • SNAKEHIPS ^{UK}
TASH SULTANA • THUNDAMENTALS • VIOLENT SOHO
THE WOMBATS ^{UK}

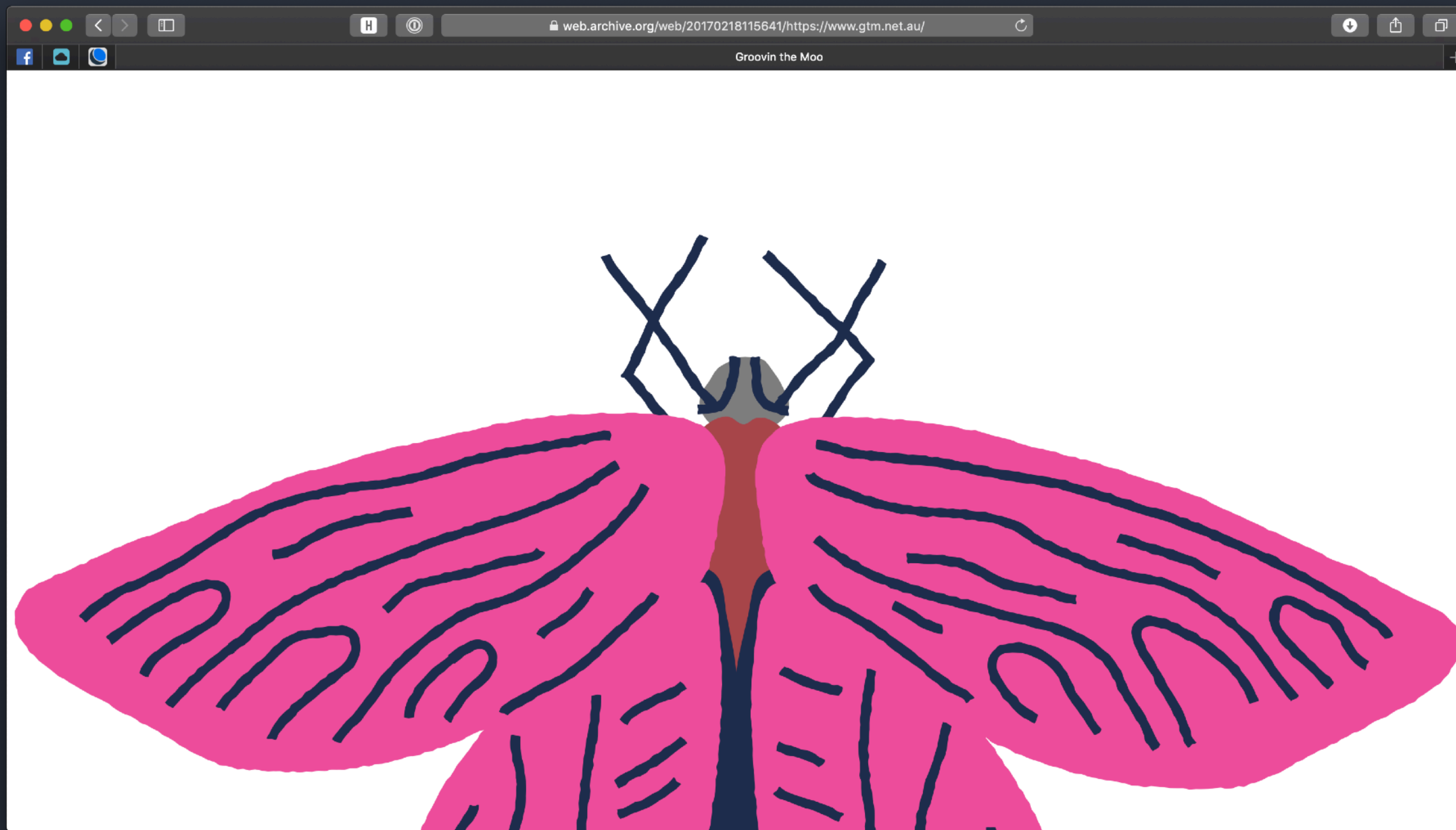
MARSHALLED BY:

CC:DISCO! • KINDER • LIZ CABBAGE • LUEN • MZRIZK

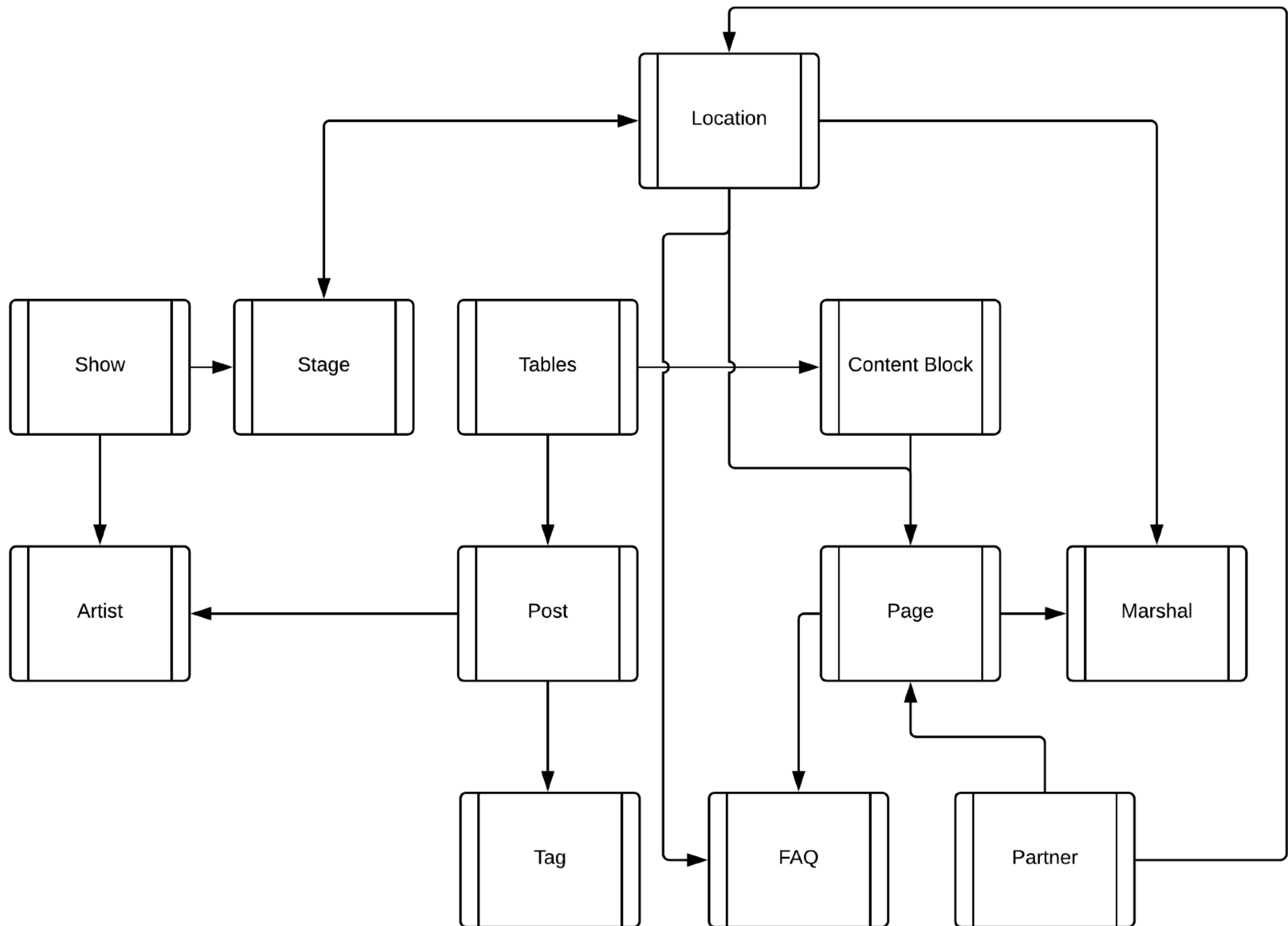
CHOOSE LOCATION

the loop frankie

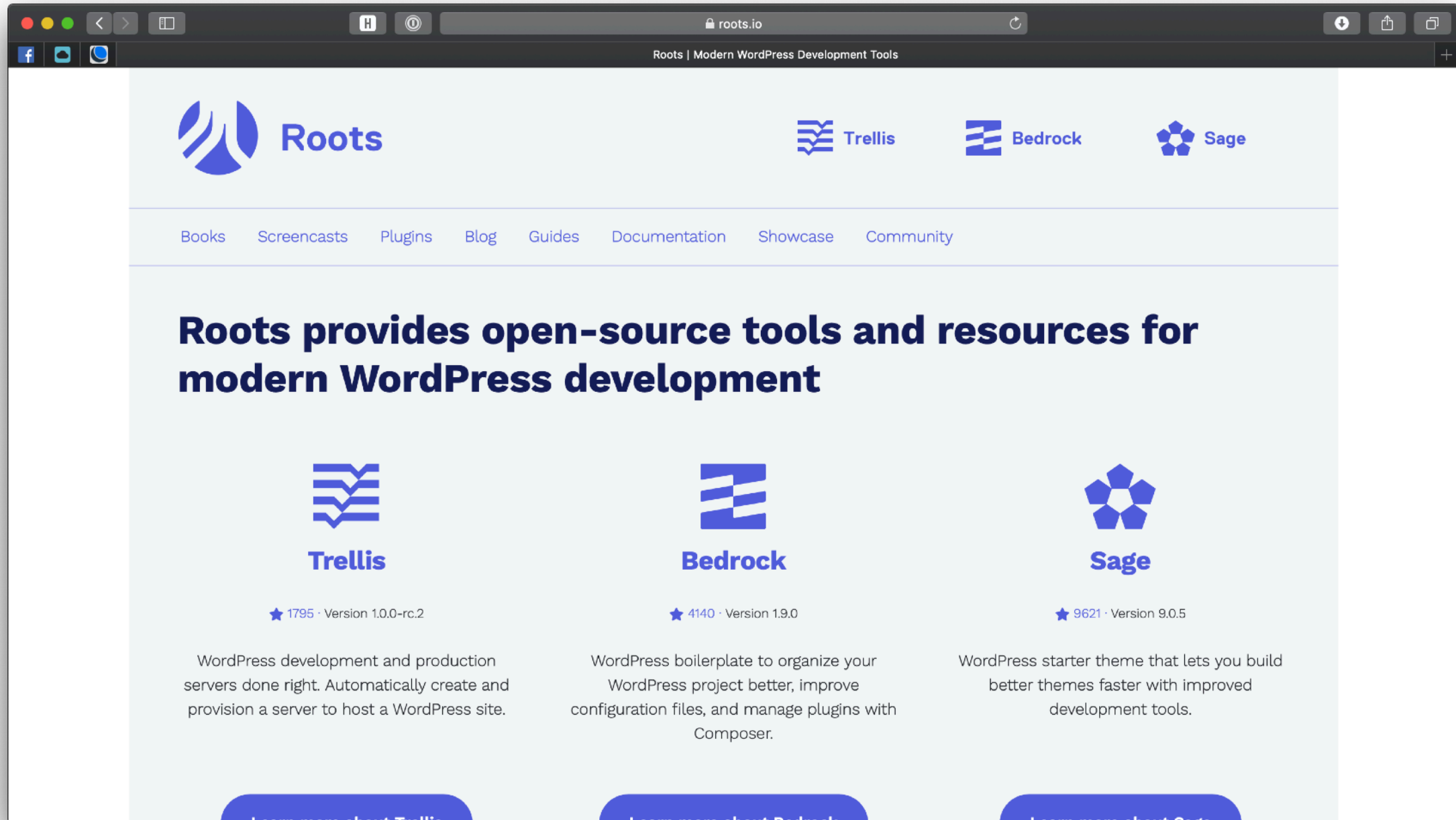
GET TICKETS



What went wrong?



The Solution.





Trellis



Bedrock

Upstatement

Check out our [Work](#), [Studio](#), or [Get in touch](#)



Timber: a faster, easier and more powerful way to build themes.
Because WordPress is awesome, but the loop isn't.

An Introduction

[What's Timber?](#)

[Who's it for?](#)

[The Code](#)

[How it looks](#)

[Object Oriented Posts, Terms, Users
and More](#)

What's Timber?

Timber helps you create fully-customized WordPress themes faster with more sustainable code. With Timber, you write your HTML using the [Twig Template Engine](#) separate from your PHP files.

index.php

```
<?php get_header(); ?>
<?php if (have_posts()) : while (have_posts()) : the_post(); ?>
    <div class="ms-item">
        <div class="page-content">
            <?php if (has_post_thumbnail()) : ?>
                <figure class="preview-image">
                    <a href="<?php the_permalink(); ?>"><?php
the_post_thumbnail(); ?></a>
                </figure>
                <?php endif; ?>
                <h2><a href="<?php the_permalink(); ?>" class="title-
link"><?php the_title(); ?></a></h2>
                <div class="post">
                    <?php the_excerpt(); ?>
                </div>
                <a href="<?php the_permalink(); ?>">Read More</a>
            </div>
        </div>
    <?php endif; ?>
<?php get_footer(); ?>
```


index.php

```
$context = Timber::get_context();  
$context['posts'] = Timber::get_posts();  
  
Timber::render( 'index.twig', $context );
```

index.twig

```
{% extends "base.twig" %}
{% block content %}
    {% for post in posts %}
        <div class="ms-item">
            <div class="page-content">
                {% if post.thumbnail %}
                    <figure class="preview-image">
                        <a href="{{ post.link }}"></a>
                    </figure>
                {% endif %}
                <h2><a href="{{ post.link }}" class="title-
link">{{ post.title }}</a></h2>
                <div class="post">
                    {{ post.excerpt }}
                </div>
                <a href="{{ post.link }}">Read More</a>
            </div>
        </div>
    {% endfor %}
{% endblock %}
```

Partial Cache

```
{% cache 'index/content' posts %}  
  {% for post in posts %}  
    {% include ['tease-~post.post_type~'.twig, 'tease.twig'] %}  
  {% endfor %}  
{% endcache %}
```

Page Cache

```
if ( class_exists( 'Timber' ) ){  
    Timber::$cache = true;  
}
```

Transient Cache

```
$context['tour'] = TimberHelper::transient( 'tour', function(){  
    $tour = new Timber\Post();  
    $shows = get_field('shows', $post->ID);  
  
    foreach( $shows as &$show ){  
        $show = new Timber\Post( $show );  
    }  
  
    $post['shows'] = $shows;  
  
    return $tour;  
}, 600 );
```

Simplified

```
$context['tour'] = new Tour();
```

Tour.php

```
use Timber\Timber;
use Timber\Post as TimberPost;

class Tour extends TimberPost {

    function shows(){
        $shows = get_field('shows', $this->ID);

        foreach( $shows as &$show ){
            $show = new Timber\Post( $show );
        }
        return $shows;
    }
}
```

single-tour.php

```
use Theme\postTypes\Tour;  
  
$context = Timber::get_context();  
$context['tour'] = new Tour();  
  
Timber::render( 'tour.twig', $context );
```


tour.twig

```
<article class="post-type-{{ tour.post_type }}" id="post-{{ tour.ID }}">
  <div class="show-list">
    {% for show in tour.shows %}
      <div>{{ show.title }}</div>
    {% endfor %}
  </div>
</article>
```

Tour.php

```
namespace Theme\postTypes;  
  
use Timber\Timber;  
use Theme\postTypes\BasePostType;  
  
class Tour extends BasePostType {  
}
```

Tour.php

```
public static function register($names = null, $options = [])
{
    $cpt = parent::register('tour');

    add_filter(
        'acf/update_value/name=tour_show_relationship',
        function ($value, $post_id, $field) {
            $val = parent::bidirectional_acf_update_value($value,
                $post_id, $field);
            return $val;
        }, 10, 3);

    return $cpt;
}
```

Tour.php

```
private $_shows;

function shows(){
    if(!$this->_shows){
        $shows = get_field('tour_show_relationship', $this->ID);

        foreach( $shows as &$show ){
            $show = new Show( $show );
        }
        $this->_shows = $shows;
    }
    return $this->_shows;
}
```

Tour.php

```
$this->shows();
```

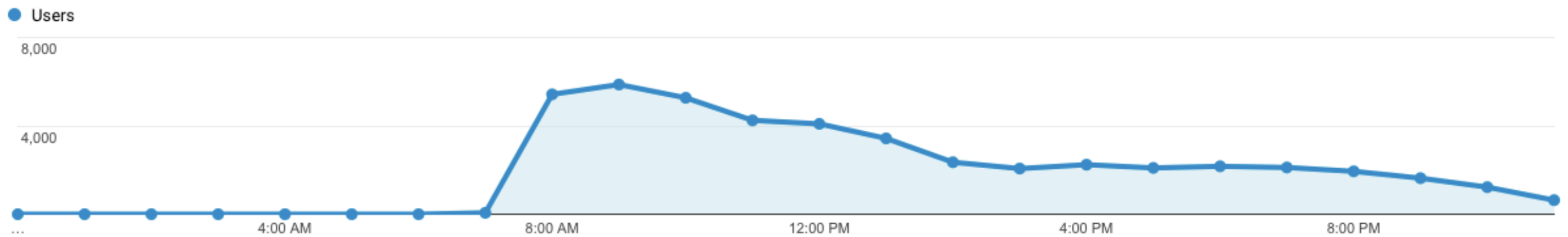
So now what?



SBM Presents

**What about
high availability?**

Spilt-Milk



Users

Non Moshtix

39,704



New Users

Non Moshtix

37,653



Sessions

Non Moshtix

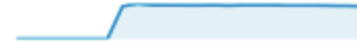
48,516



Number of Sessions per User

Non Moshtix

1.22



Pageviews

Non Moshtix

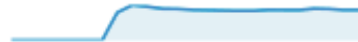
91,223



Pages / Session

Non Moshtix

1.88



Avg. Session Duration

Non Moshtix

00:01:34



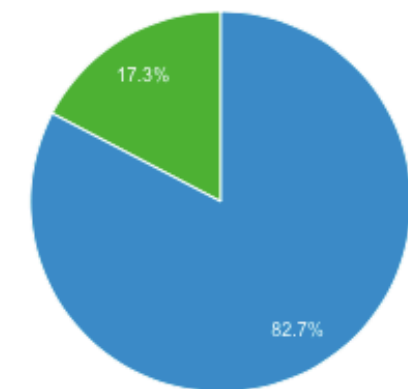
Bounce Rate

Non Moshtix

42.88%



■ New Visitor ■ Returning Visitor



CPU ?



What's next?