The Future Belongs to The Fast
What is the Average Lifespan of an eyelash?
Results matching: spent last year around $100 around pymble
53 results found from 01 Jan 2016 to 31 Dec 2016

- $5,206.60

$5,295.60 inflow / 53 transactions

Transactions

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food &amp; Drink</td>
<td>$3,023.43</td>
</tr>
<tr>
<td>Personal</td>
<td>$111.82</td>
</tr>
<tr>
<td>Leisure</td>
<td>$903.25</td>
</tr>
<tr>
<td>Uncategorized</td>
<td>$382.96</td>
</tr>
<tr>
<td>Business</td>
<td>$217.55</td>
</tr>
</tbody>
</table>

Top 5

<table>
<thead>
<tr>
<th>Merchant</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Woolworths</td>
<td>-$1,299.56</td>
</tr>
<tr>
<td>Sushi Miso</td>
<td>-$702.80</td>
</tr>
<tr>
<td>Sunway Thai Restaurant</td>
<td>-$489.54</td>
</tr>
<tr>
<td>Kmart</td>
<td>-$215.00</td>
</tr>
<tr>
<td>Event Cinemas</td>
<td>-$205.40</td>
</tr>
</tbody>
</table>

Transactions

<table>
<thead>
<tr>
<th>Date</th>
<th>Detail</th>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dec 20 2016</td>
<td>Woolworths Macquarie Centre</td>
<td>Food &amp; Drink</td>
<td>-110.72</td>
</tr>
<tr>
<td>Dec 9 2016</td>
<td>Iga Turrumurra</td>
<td>Food &amp; Drink</td>
<td>-69.54</td>
</tr>
<tr>
<td>Dec 5 2016</td>
<td>Prp Diagnostic Imaging</td>
<td>Food &amp; Drink</td>
<td>-85.50</td>
</tr>
</tbody>
</table>

Original description: Woolworths 1129 North Ryde
New payments to this merchant

Category: Food & Drink / Groceries
The balance on your transaction account is $2812.65.

spent last year around $100 around pymble

Here is what I have. Your spend was $5206.60 between 53 transactions. Most recent transaction was Woolworths Macquarie Centre with a value of 110.72 on December 20th 2016. Can I help you with anything else?

The balance on your transaction account is $1566.82.

fast food last month

Here is what I have. Your spend was $327.40 between 21 transactions. Most recent transaction was retail juice bars pty north ryde with a value of 7.5 on February 28th 2017. Anything else?
Monolithic Web Apps
Slow Releases
Single Technology

Presentation
Business Logic
Smaller Services
Many Technologies
Frequent Release
Richer Applications

Presentation
Dream in Months
Plan in Days
Ship in Minutes

Luke Wroblewski
Ship in Minutes

How long does it take to release a 1 line code change to Production?

Jason O’Connell
Macquarie Group
What was slowing us down?

- Single Production Environment
- Managing dependencies
- No end-to-end automation
Reduce Friction, Accelerate Innovation

PRODUCTION OPENSHIFT CLUSTER

alpha.api.macquarie.io

beta.api.macquarie.io

api.macquarie.io

API Gateway

developers / testers

continuous deployment

staff beta

public beta

prod fix

customer 3125342

10% of traffic

prod 1.4

prod 1.5

7%
Managing Microservices in OpenShift

/api/personal
- blastoff
- skids
- bumblebee
- windcharger

/api/wealth
- mirage
- schockwave
- doubleheader
- blurr
- pipes
- swoop

Event Processing
- cosmos
- metroplex
- hoist
- doubleheader
- glitch
- springer
- devcon
- ratchet
- perceptor
Managing Dependencies
Managing Dependencies

One namespace, one version of an application
## Reproducible Environments

### DECLARATIVE CONFIGURATION

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Application</th>
<th>Release</th>
</tr>
</thead>
<tbody>
<tr>
<td>java.yml</td>
<td>blastoff.yml</td>
<td>1.0.76</td>
</tr>
<tr>
<td>scala.yml</td>
<td>blurr.yml</td>
<td>1.3.2</td>
</tr>
<tr>
<td>log4j.yml</td>
<td>bumblebee.yml</td>
<td>2.1.0</td>
</tr>
<tr>
<td>logback.yml</td>
<td>doubleheader.yml</td>
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<td>springboot.yml</td>
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<td>windcharger.yml</td>
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**mirage.yml**

```yaml
app:
  name: mirage
  group: com.macquarie.digital.micro
configMaps:
  - cassandra
  - s3
characteristics:
  - springboot
  - fatjar
```

**release-definition.yml**

```yaml
applications:
  blastoff: 1.0.76
  blurr: 1.3.2
  bumblebee: 2.0.1
  doubleheader: 3.8.1
  mirage: 1.0.21
  pipes: 4.3.17
  skids: 0.7.1
  starscream: 1.7.12
  strafe: 2.7.1
  swoop: 0.9.2
  windcharger: 1.4.3
```

**fatjar.yml**

```yaml
build:
  image: fatjar-java8:1.0.1
```

**deployment**

```yaml
- key: spring.config.location
  value: classpath:app-override.yml

deployment:
  javacert:
    location: /usr/local/jre1.8.0_102/
```
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API

delta △
Rolling the Cluster
Fast Feedback: Test & Learn
Respond Quickly
Culture Transformed
Macquarie Bank
OpenShift Container Platform
Use Case Overview

Wayne Dovey
Senior Platform Consultant
wdovey@redhat.com
Use Case #1
Automate everything!

- Use Ansible to Fully automate deployments for new Clusters.
- Multiple Parallel OCP Clusters (v1 alongside v2).
- Release and Rollback Clusters on Demand using Route53.
- EBS Backup Configuration.
- AMI Baked Autoscale Group for Master/Infra/Node.
- Building All SSL certs are signed for 60 days. A new SSL Cert requires a new New Cluster.
- Cluster Build time less than 45min in under 45min (Brand new NFT env)
Use Case #2
Sharing the OpenShift Cluster needs to be secure (Namespaces, Images, Networking).

- Use OVS Multi-tenant Plugin for Namespace isolation.
- Node Labeling to segment Traffic.
- Egress Firewall rules on the Cluster.
- Cloudforms for OpenSCAP Image scanning.
Use Case #3
Efficient the use of Subscriptions, Compute and Memory.

- Overcommit is enabled on the OCP Cluster.
- Focus on Requests, Quotas and Limits for maximum use of the Overcommit feature.
- Implementation of Node Labeling to ensure isolation of noisy neighbours.
Use Case #4
Provide a Highly available Storage solution that integrates seamlessly with OCP.

- Provision a fully monitored and managed Red Hat Gluster Storage service for Registry storage and multiple Persistent volumes.
Use Case #5

Monitoring, management and alerting of the Cluster and services needs to be provided.

- Utilise Prometheus for Service Discovery.
- Grafana for Dashboarding and Alerting (PagerDuty).
Other Use Cases

Additional requirements

- Log Forwarding to Splunk.
- Full LDAP integration.
- Align the OCP Roadmap with upgrades and features.
- Share Docker Images with a Secure Nexus repo - Image promotion between clusters.
- Developer self services using pipeline integration.
- Deploying new services across different team (FUSE)
THANK YOU

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twitter.com/RedHatNews
youtube.com/user/RedHatVideos