

# Tiles

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It's a Pivotal thing

<https://network.pivotal.io>

**GemFire for PCF**

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MySQL for PCF

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**RabbitMQ for PCF**

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**IPSec Add-on for PCF**

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Spring Cloud Services for PCF

Pivotal Tracker for PCF

IPSec Add-on for PCF

**Dingo PostgreSQL for PCF**

## Pivotal Cloud Foundry Services

Leveraging PCF services, developers get role-based self-service access to systems of record, big data analytics, mobile notifications, continuous integration and more.



**API Gateway for PCF**



**App Distribution for PCF**



**Data Sync for PCF**



**GemFire for PCF**



**IPSec Add-on for PCF**



**MySQL for PCF**



**Pivotal Cloud Foundry Service Broker for AWS**



**Pivotal Tracker for PCF**



**Push Notification for PCF**



**RabbitMQ for PCF**



**Redis for PCF**



**Riak CS for PCF**



What's in a **.pivotal** file?

```
$ unzip -Z1 p-gemfire-1.6.0.0.pivotal
```

```
open_source_license.txt
```

```
metadata/
```

```
metadata/tile_metadata.yml
```

```
releases/
```

```
releases/GemFire-1.214.0.tgz
```

```
releases/GemFire-Broker-1.206.0.tgz
```

```
releases/GemFire-Broker-Registrar-1.68.0.tgz
```

Alright.

What's in a **release** .tgz?

```
$ tar -tzvf GemFire-1.214.0.tgz
```

```
packages/  
packages/gemfire-agent.tgz  
packages/test_app.tgz  
packages/cli.tgz  
packages/golang.tgz  
packages/jdk8.tgz  
packages/gemfire-utils.tgz  
packages/session_replication.tgz  
packages/gemfire.tgz  
packages/jq.tgz  
packages/gemfire_authentication.tgz
```

```
jobs/  
jobs/gemfire-agent.tgz  
jobs/test_agent_health.tgz  
jobs/server.tgz  
jobs/test_service_health.tgz  
jobs/arp-cleaner.tgz  
jobs/test_cluster_health.tgz  
jobs/locator.tgz
```

```
release.MF
```

Fine.

What's in a **job** .tgz?

```
$ tar -tzvf server.tgz
```

```
monit
```

```
templates/
```

```
templates/server_ctl.erb
```

```
templates/cluster_settings.json.erb
```

```
templates/cache_session.xml
```

```
templates/default_properties.yml.erb
```

```
templates/sysctl.gemfire.conf
```

```
templates/drain.erb
```

```
job.MF
```

So?

Tile



Release(s)



Job(s)



release versions

+

job properties

+

template source files

Could it be easier?

# Tilesetter

<https://github.com/jhunt/go-tilesetter>



*demo interlude*

# Next Steps

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Data persistence

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Large data sets

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Version differentials



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Data persistence

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Twitter account

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~~Twitter account~~

Authentication

# Tilesetter

<https://github.com/jhunt/go-tilesetter>

