

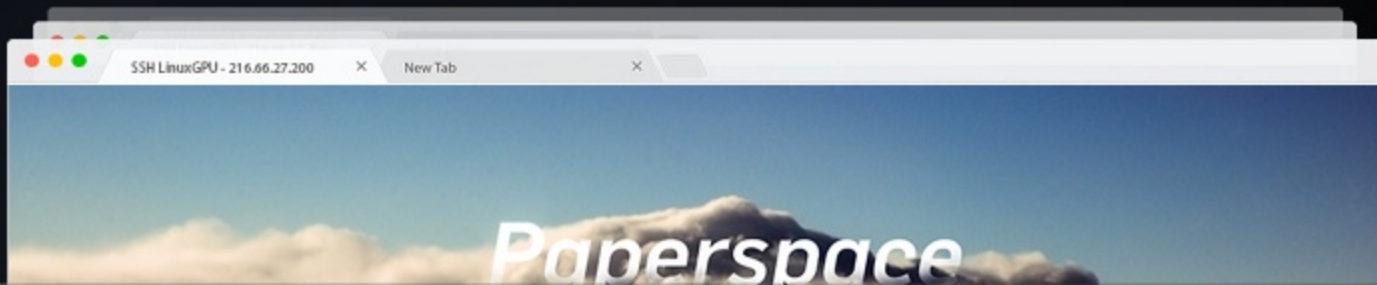
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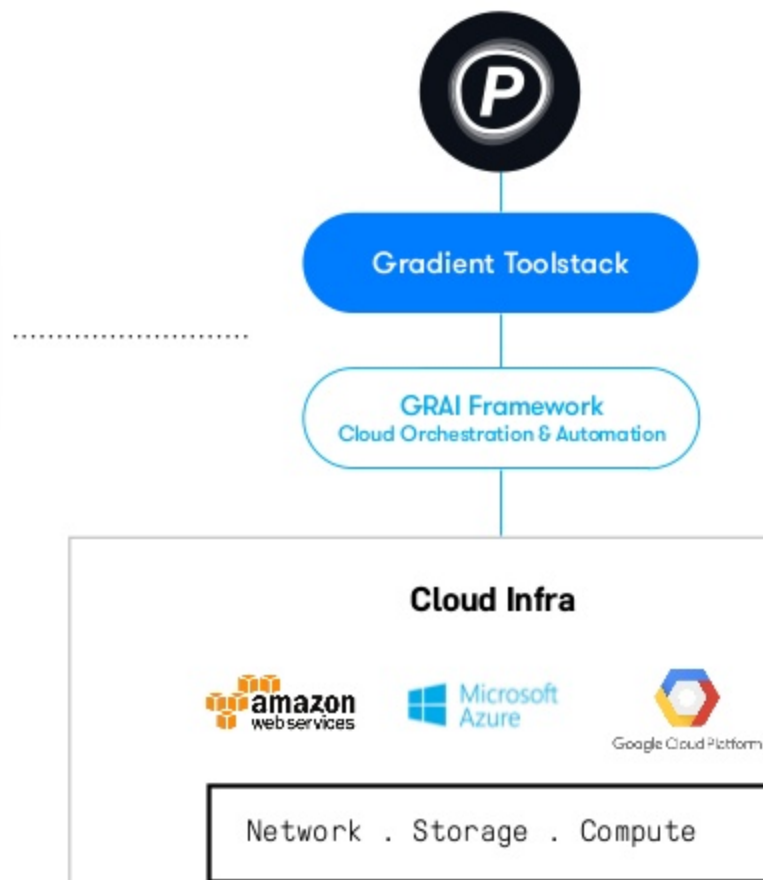
Serverless AI for the future of intelligence.



Deep Learning platform built for developers.

```
> import paperspace as ps  
  
# Run job on GPU cluster  
  
> ps({'Type': 'TPU', 'container': 'TensorFlow' ... })
```

Infrastructure automation and software layer to build intelligent applications.





A new generation of AI
developers require a rethinking
of tooling and workflows.

Why this matters

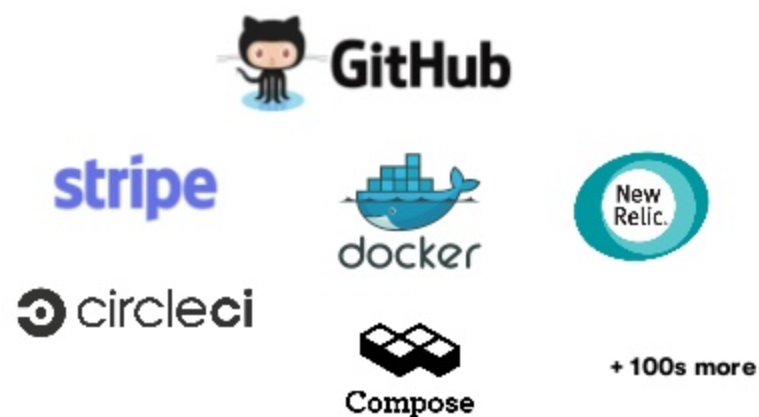
**Developers spend 75% of their time
managing infrastructure.**

So what's the underlying problem?

The cloud was built for a different use-case (**web servers**) and a different audience (**DevOps**).

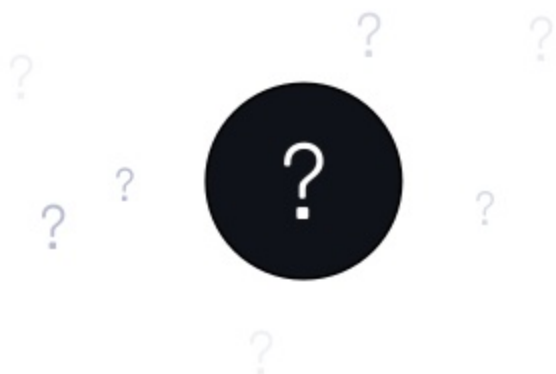
The Software Development ecosystem is rich

Traditional Web Services



storage, CDN, deploy, monitor, VPC,
load balance, IPsec, CI/CD, DNS ...

Deep Learning



data, notebooks, train, visualize,
collaborate, version, hyperparameters ...

The key to solving this problem is finding the right layer of abstraction.

The evolution of ML/AI in practice

2016

2018

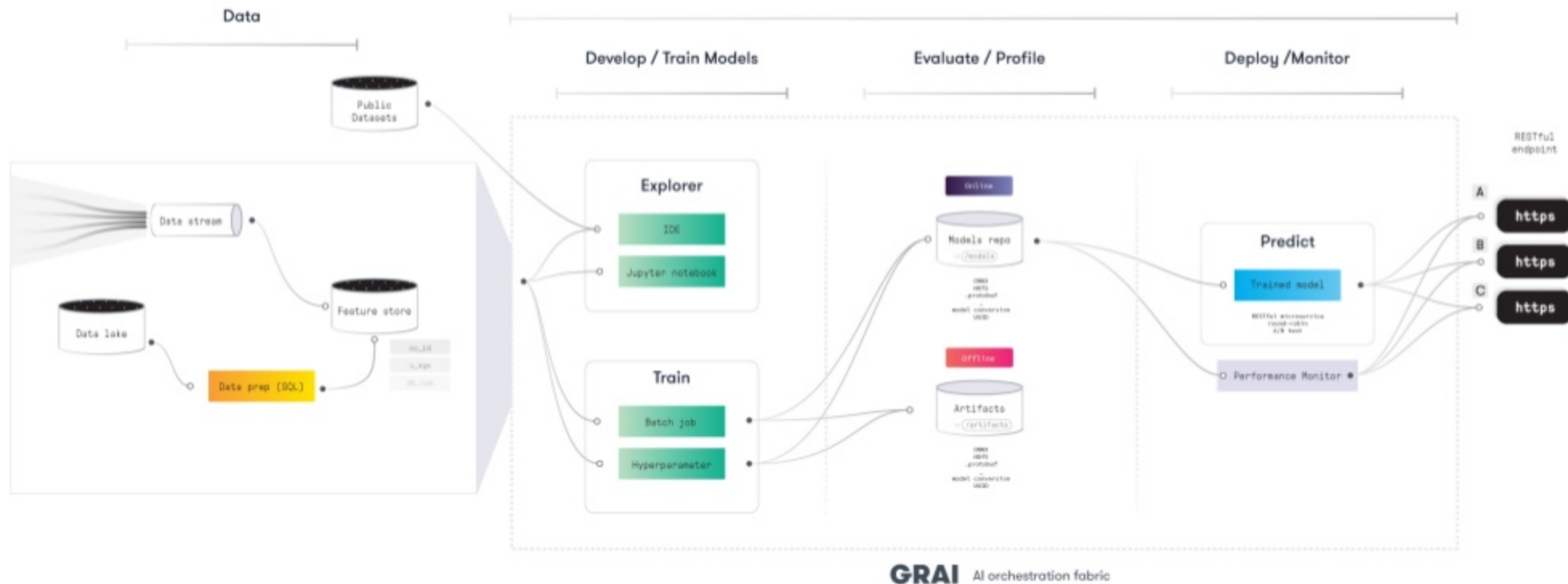
Consumable API → Refit the Model → Model as core IP

- Clarifai
- AWS Rekognition
- Google Cloud Vision
- MS cognitive services

- Paperspace
- Algorithmia
- FloydHub
- ClusterOne

The Pipeline

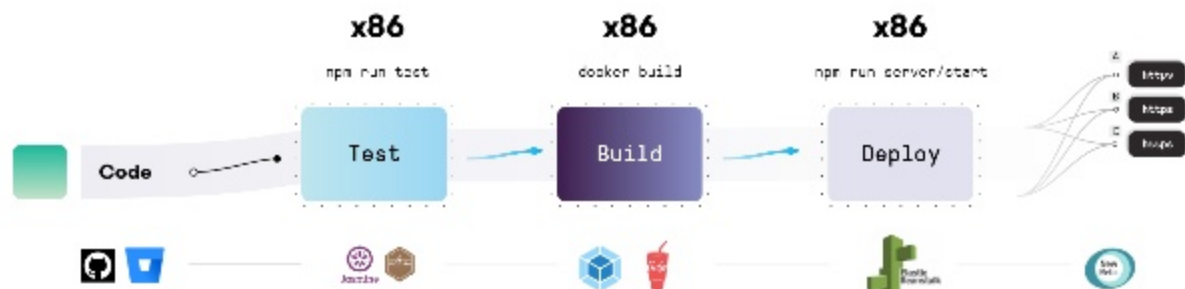
gradient^o



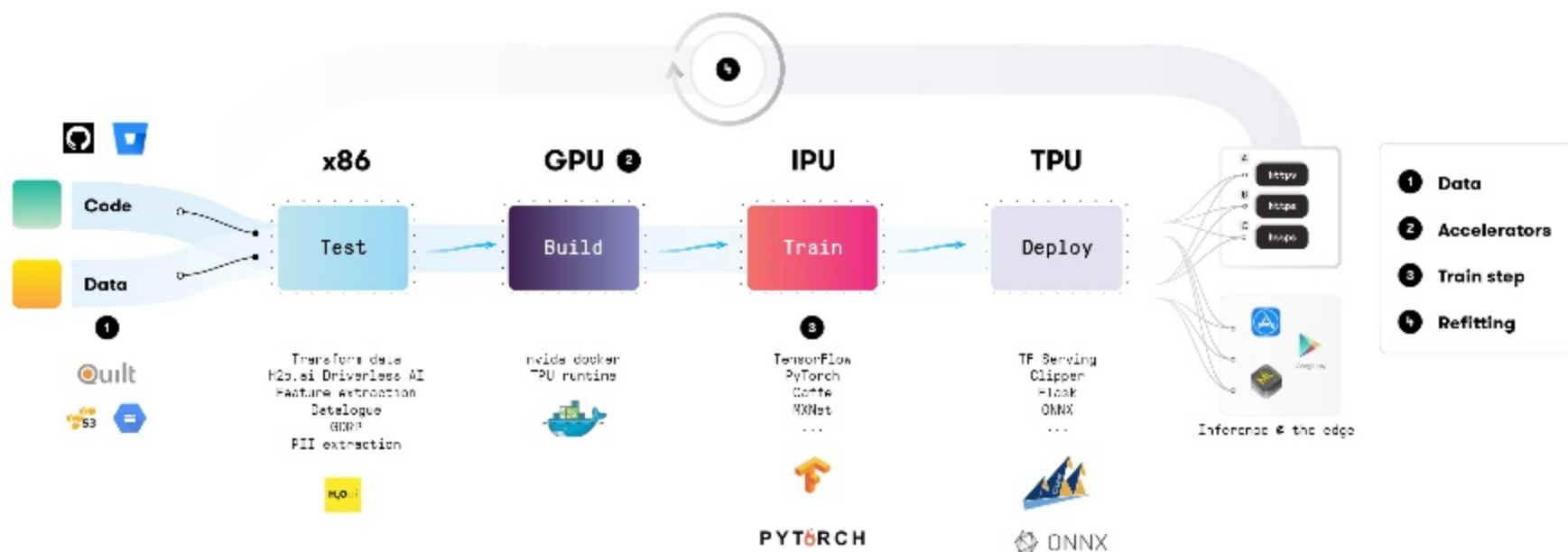


CI / CD for Machine Learning

Traditional Web Apps



ML / AI



A complete platform for modern deep learning

Ingest → Train →
Analyze → Deploy

+

Manage, collaborate, share

- Fully-managed GPU infrastructure
- Unified dev experience
- 1 click Jupyter Notebooks/Lab
- API & language integrations
- ACL/team controls



**Abstract powerful infrastructure
behind a simple software layer
making cloud ML as easy as
modern web services.**



Future: Realtime, Online Learning

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Thank you.

