Introducing GATECloud.net

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University of Sheffield

BETA

GATE CLOUD

Text Solutions on the Cloud

What?

We provide end-to-end text and web processing solutions from **the GATE family** running on **cloud computing** infrastructures.

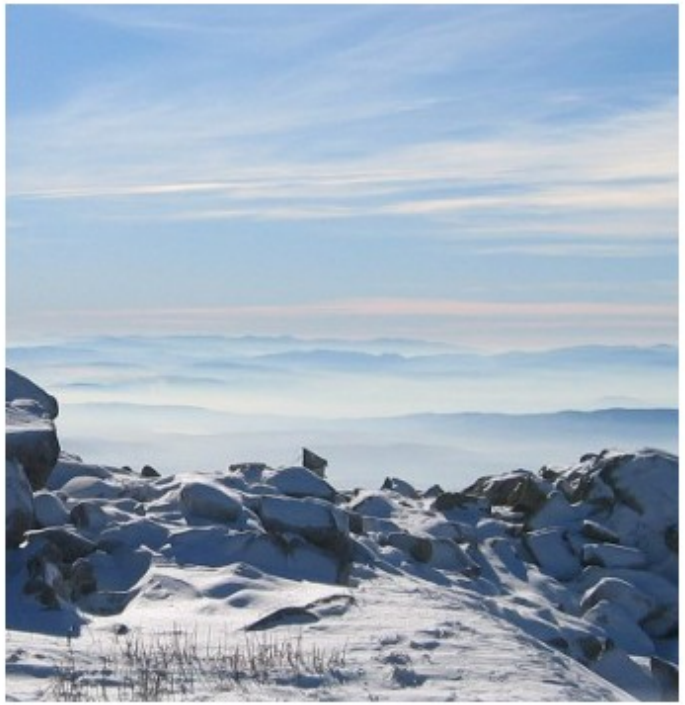
Why?

- Solve any sort of text processing problem: web, text or opinion mining; indexing and search (fulltext, boolean, conceptual, structural); information extraction; semantic annotation; sentiment analysis; ontology population; etc. (**some examples**).
- Run large-scale jobs without investing in server hardware or other fixed costs.
- Exploit a **15-year R&D programme**, the expertise of the **GATE community** and a **defined and repeatable process**.

How?

- Click through to **the shop**, browse products and add them to your shopping basket.
- **Create an account** and then buy credit vouchers from **the University of Sheffield** (use the same email address in each case).
- Put the vouchers in **your account**, and **go to checkout**. We'll email you the login or job creation details for your cloud servers.
- Monitor and control your cloud machines on **your dashboard**.

For more detail see the **help page**.



Special offers

- **no VAT**, Q1/Q2 2011 (we pay the VAT!)

Discounts

- volume, research or non-profit use
- to apply create an account and **send us** your details

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Cloud computing server time is payable in advance.

https://gatecloud.net

- A new service from the GATE team
- Usual cloud benefits:
  - Pay-as-you-go, no upfront costs
  - No sysadmin work
  - Web-based management tools
- Not-so-usual cloud benefits
  - Based on open-source software
  - Bring your own pipeline
  - No API required (all interaction is browser based)

Current Offering

- On demand servers
  - Teamware
  - Mímir
  - Always latest version, maintained by us
  - Backups
- On demand document processing
  - Massive parallelism
  - On-line job definition tool
  - Many output formats, including Mímir

Welcome to the GATE...

https://gatecloud.net/shopfront

BETA

GATE CLOUD

Log in (or Register) | Help

Home | Shop | Dashboard | Basket (empty) | Checkout

GATECloud Products

Annotation Job - Custom *Execute your own pipeline on the GATE cloud.*	£0.00 (plus £0.99 per hour)
ANNIE (Named entity annotation service) *Upload your own documents and run our pre-packaged named entity annotator (ANNIE) on GATE Cloud*	£0.00 (plus £1.49 per hour)
ANNIE plus Measurements and Numbers (annotation service) *Upload your documents and run our pre-packaged named entity annotator with the Numbers and Measurements add-ons*	£0.00 (plus £1.75 per hour)
GATE Teamware 1.4 Server (Enterprise) *Web-based collaborative corpus and document annotation tool*	~~£349.99~~ £99.99 (plus £1.49 per hour)
GATE Mímir 3.2.0 Server *Multiparadigm indexing server*	~~£99.99~~ £0.00 (plus £0.99 per hour)

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End-to-End Solution

1. Bring your own documents
2. Bring your own pipeline (or use one of ours)
3. Automatically annotate the documents on a massively parallel infrastructure
   - Talk to us if you have special requirements
4. Use Teamware for pipeline fine-tuning and quality assurance (see Track 1, Module 4, on Thursday)
5. Use Mímir to power multi-paradigm search (see demo, plenary session on Thursday!)

Servers (Machines)

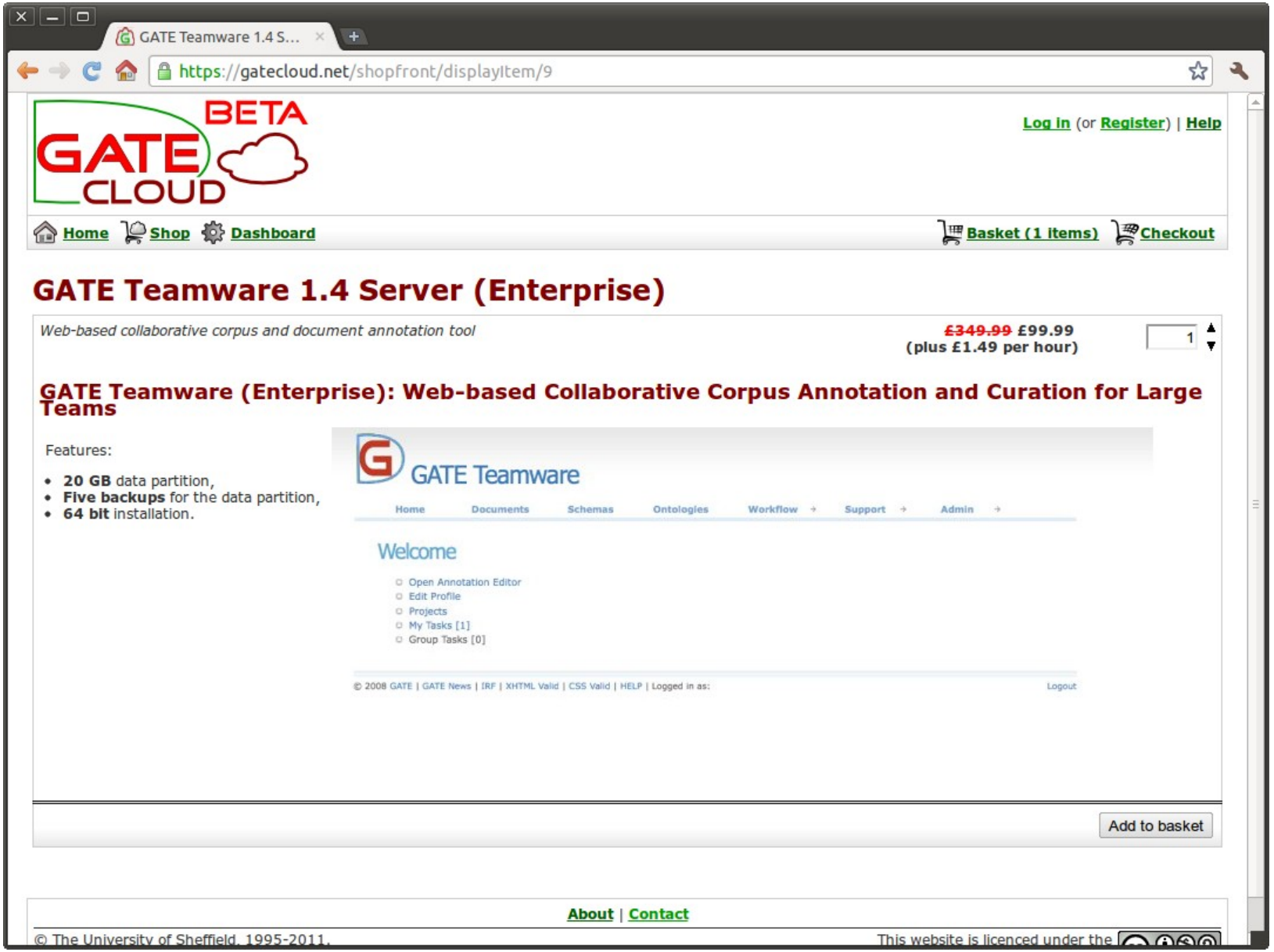
Servers Actions

- Reserve
  - A new data volume is created and reserved for you.
  - A new machine appears on your dashboard.
  - You pay the one-off price.
- Start Instance
  - The reserved server is started and you can use like any other server.
  - You pay the hourly price for as long as the sever is running.

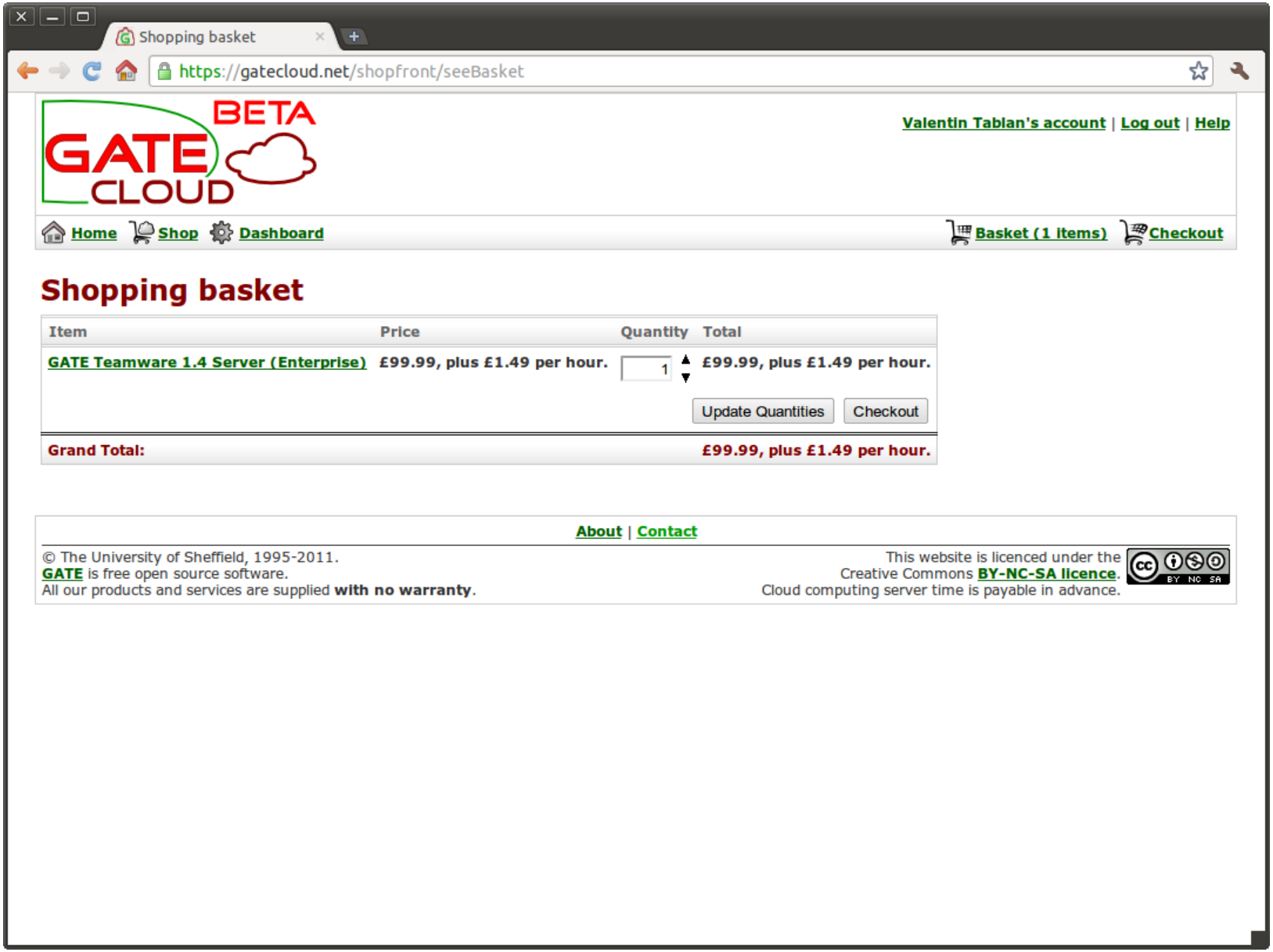
Servers Actions (continued)

- Stop Instance
  - The started server is stopped.
  - You stop paying hourly charges.
- Create Backup
  - A copy is made of your data volume. You can only do that while the server is stopped.
  - You can restore this backup back onto your data volume whenever you want.
- Destroy Reservation
  - Your data volume and all the backups are destroyed.

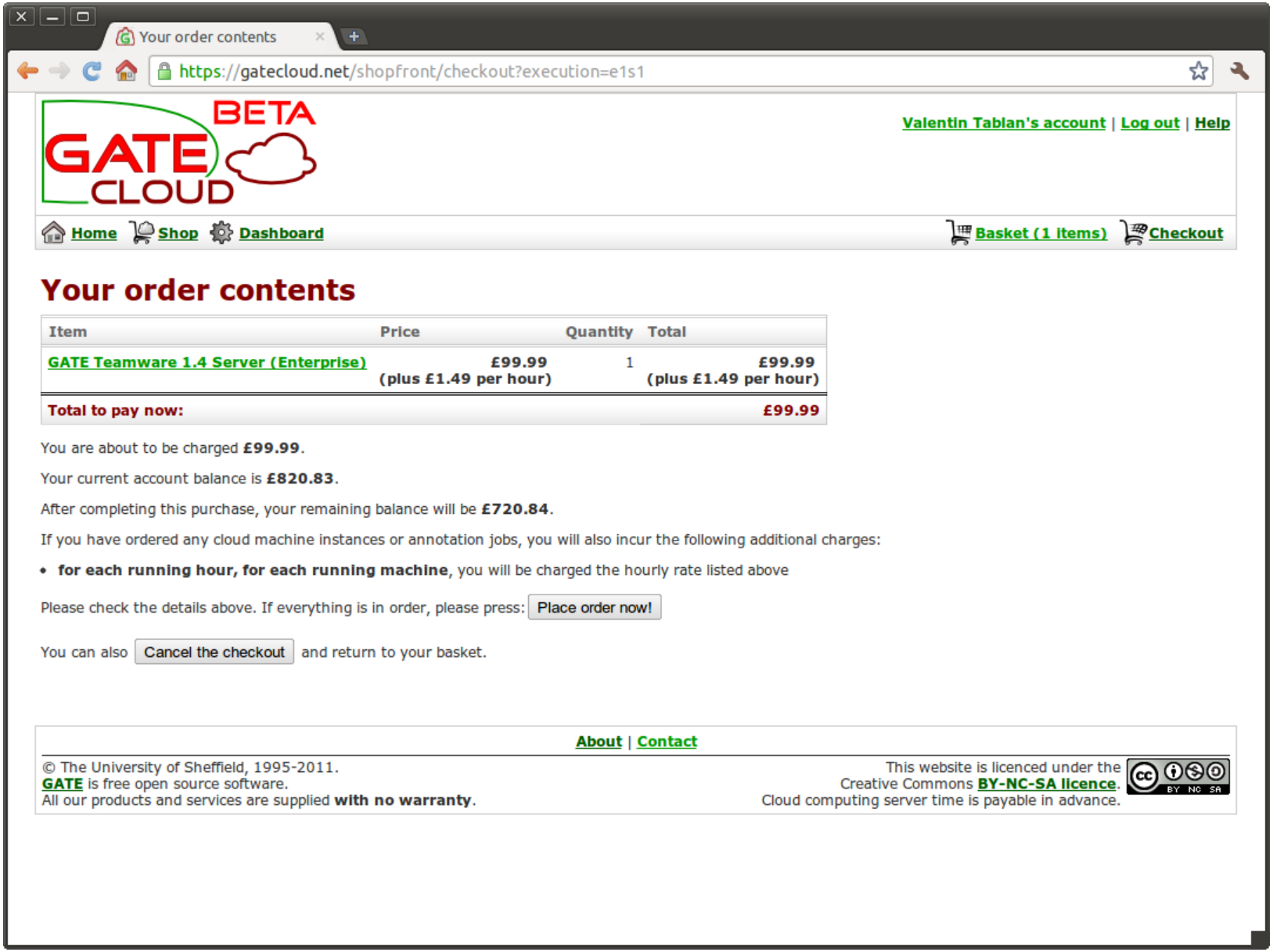
Making a Reservation: 1) Find Required Server



2) Add to Basket



3) Checkout


Your order contents
https://gatecloud.net/shopfront/checkout?execution=e1s1
BETA
GATE CLOUD
Valentin Tablan's account | Log out | Help
Home Shop Dashboard
Basket (1 items) Checkout
Your order contents
Item Price Quantity Total
GATE Teamware 1.4 Server (Enterprise) £99.99 (plus £1.49 per hour) 1 £99.99 (plus £1.49 per hour)
Total to pay now: £99.99
You are about to be charged £99.99.
Your current account balance is £820.83.
After completing this purchase, your remaining balance will be £720.84.
If you have ordered any cloud machine instances or annotation jobs, you will also incur the following additional charges:
for each running hour, for each running machine, you will be charged the hourly rate listed above
Please check the details above. If everything is in order, please press: Place order now!
You can also Cancel the checkout and return to your basket.
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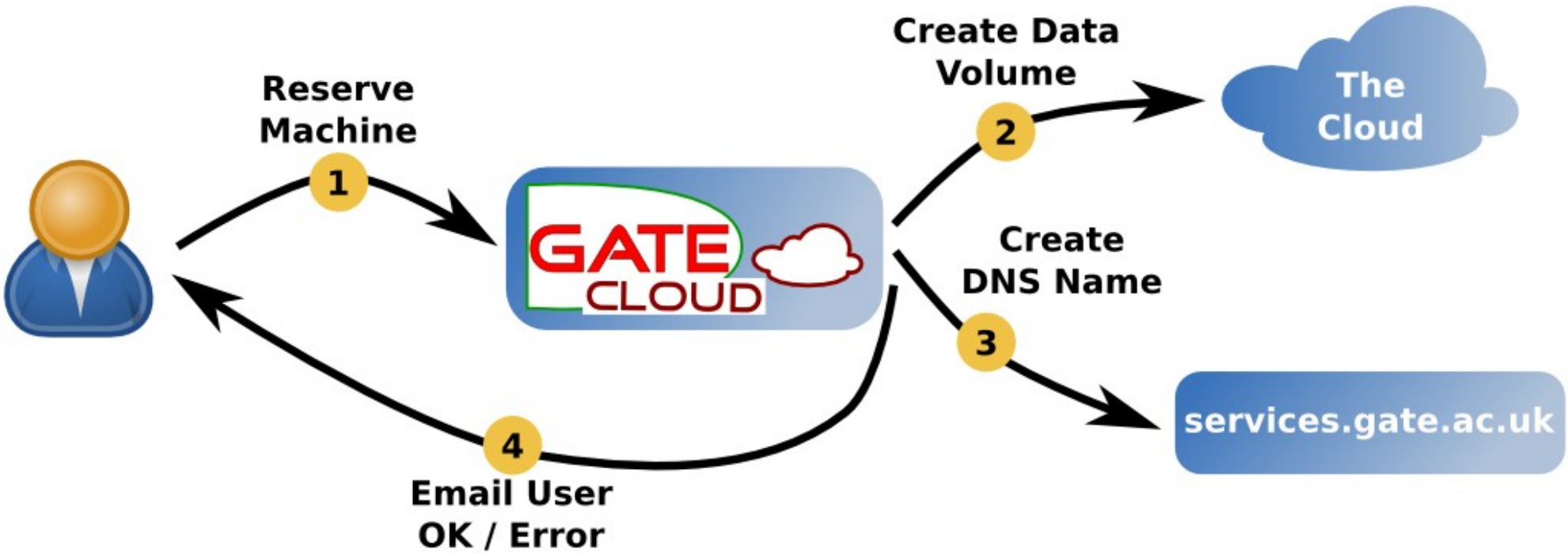
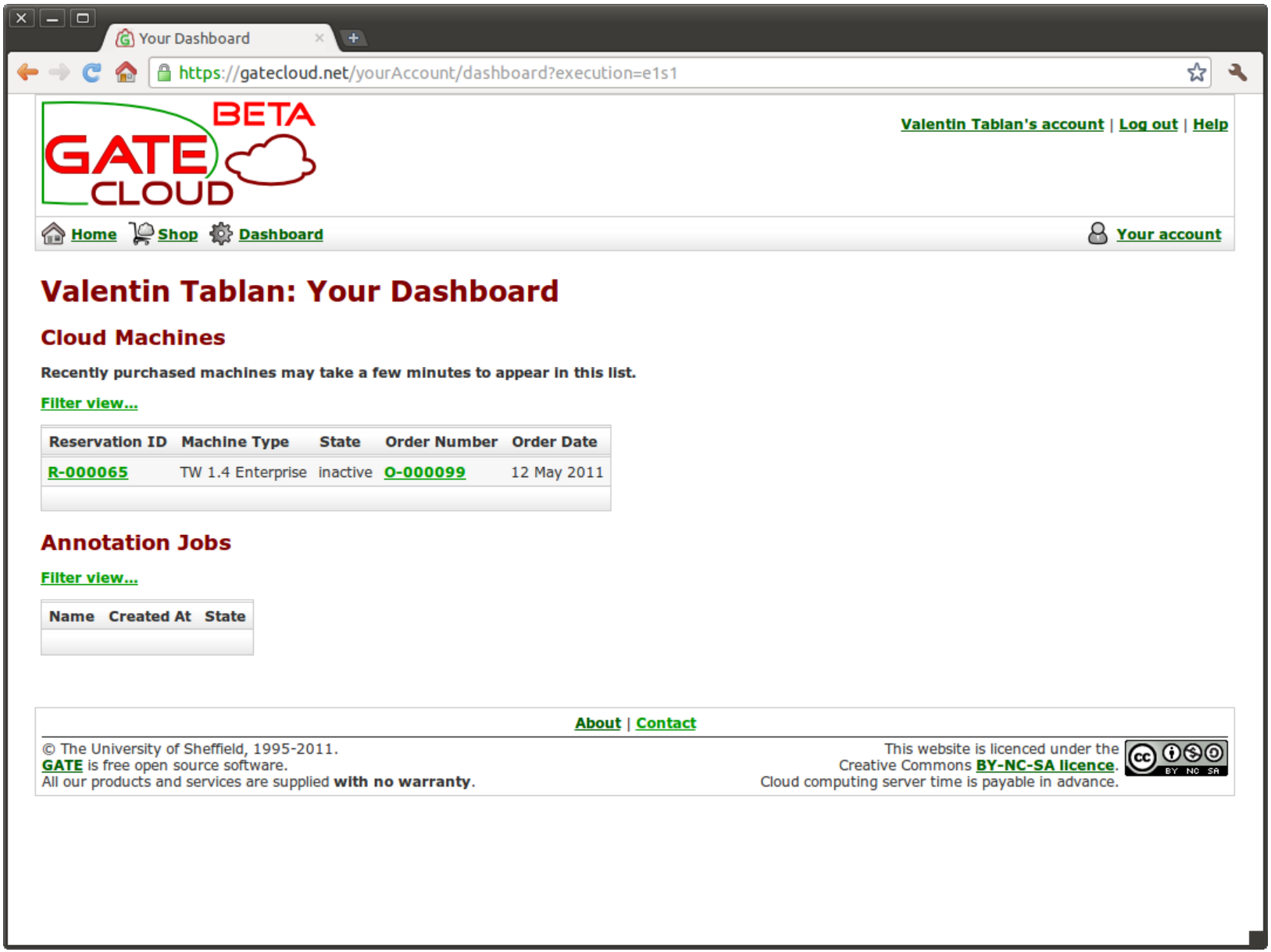
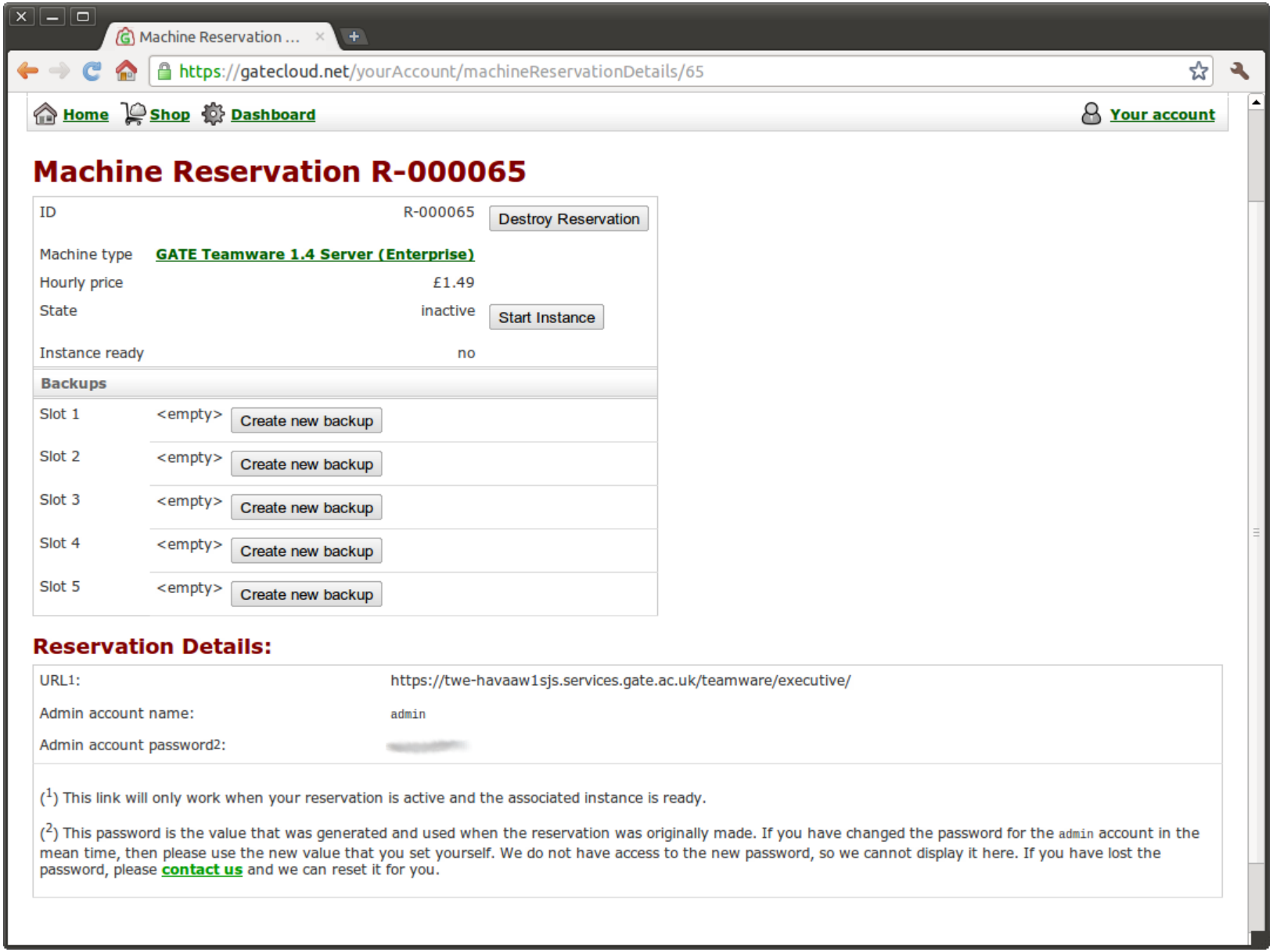
Reserving a Server



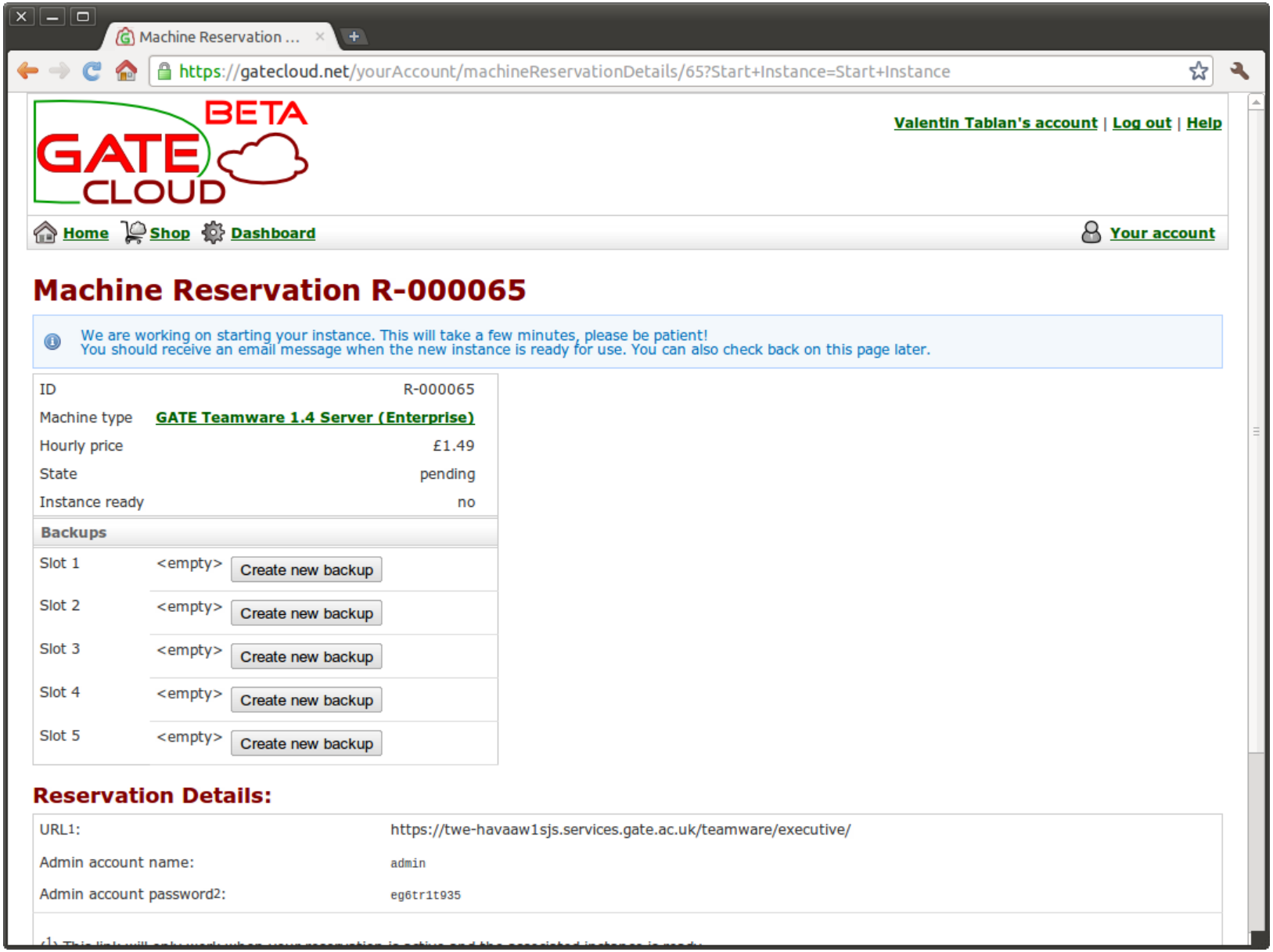
Your Dashboard



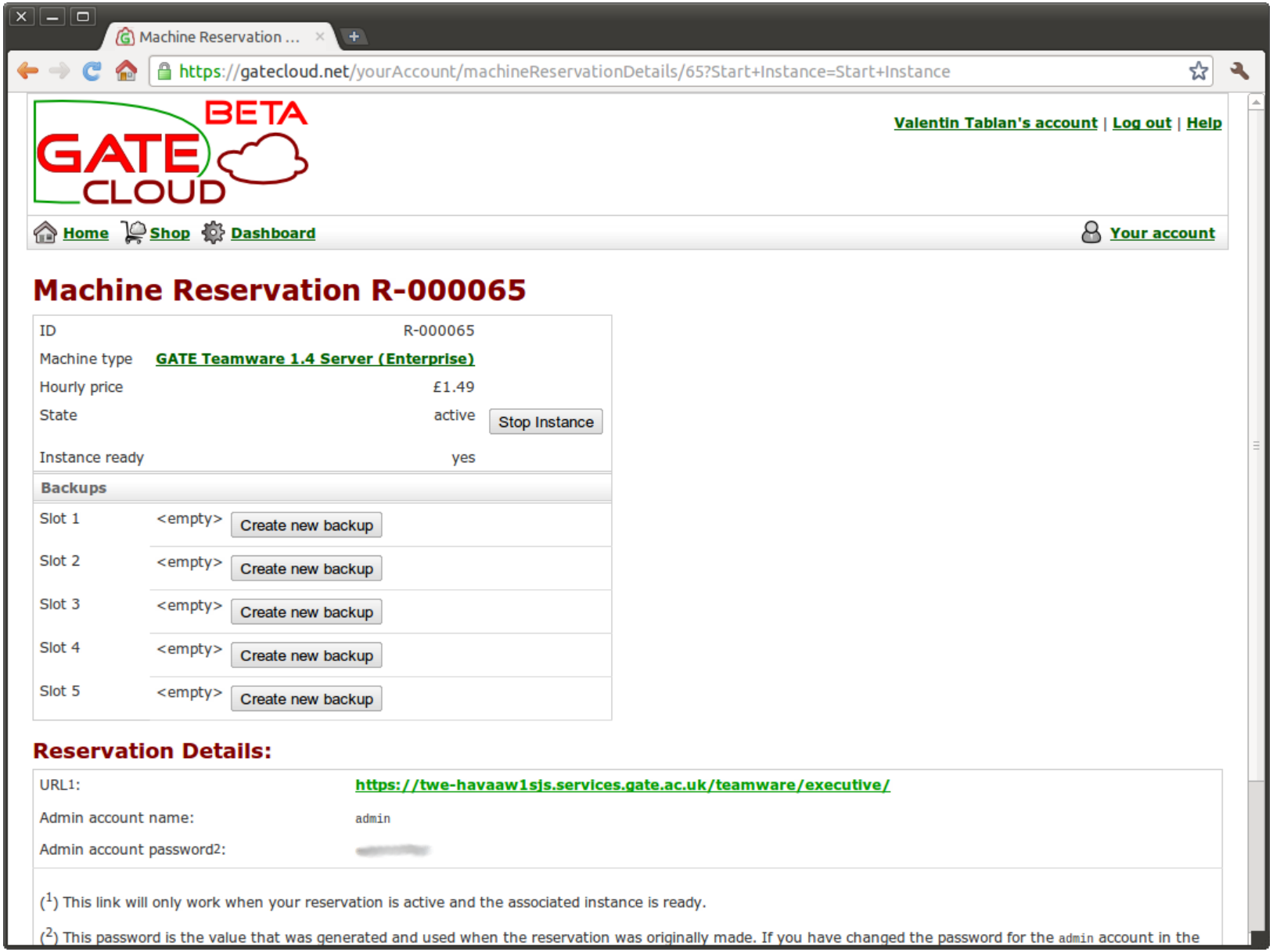
Your Machine Reservation



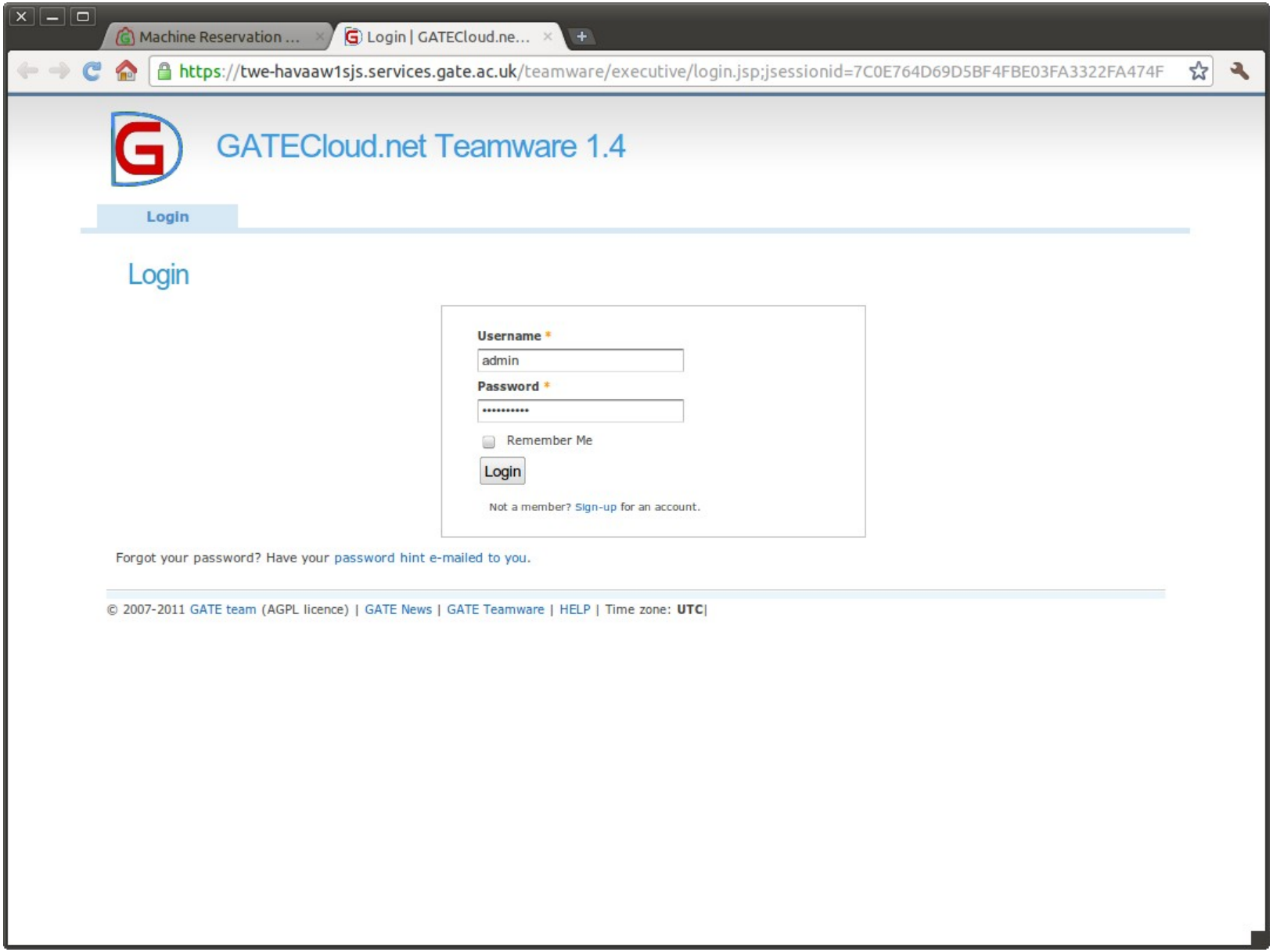
Starting a Server: 1) Press Start



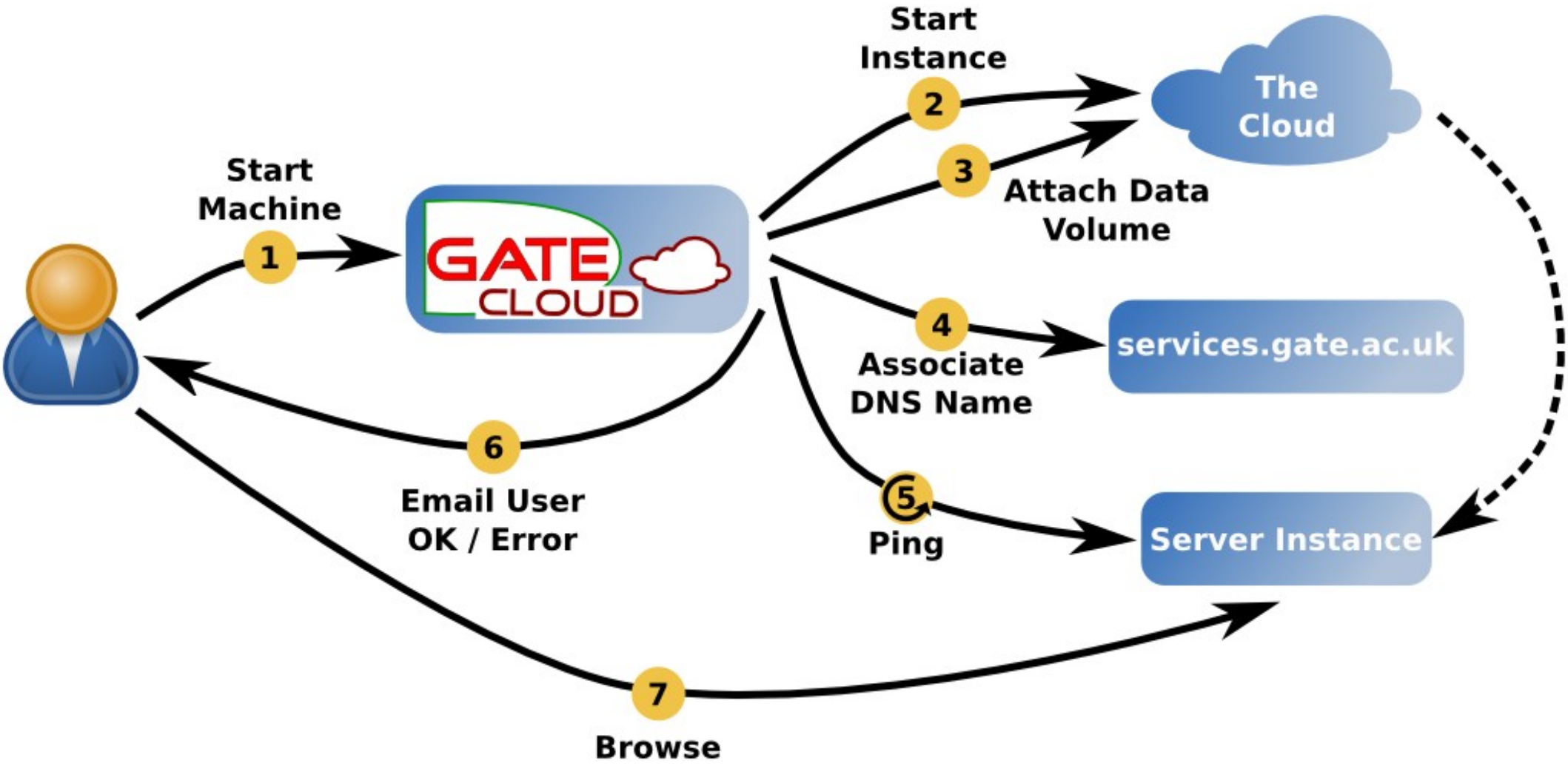
2) Wait for the Email (or refresh the page)



3) There is no "3": Your Server is Ready



Starting a Server



Annotation Jobs

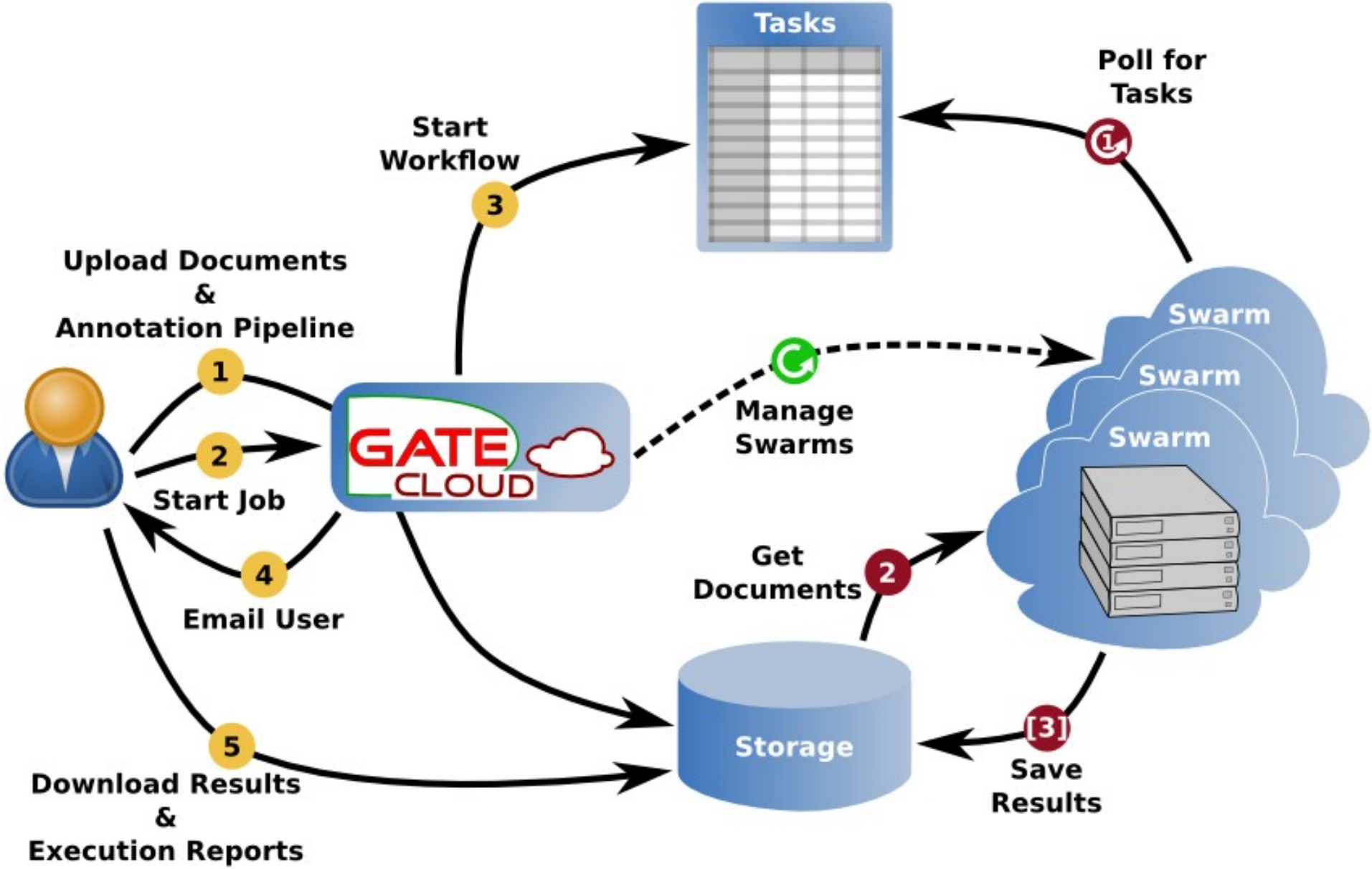
Annotation Jobs

- Parallel and distributed annotation of documents using GATE applications.
- Upload your own document archives (.zip, .tar.gz, .tar.bz2, .arc).
- Upload your own GATE pipeline,
- ...or use a pre-packaged one.
- Download the outputs as .zip files,
- ...or send the annotated documents directly to Mímir for indexing.

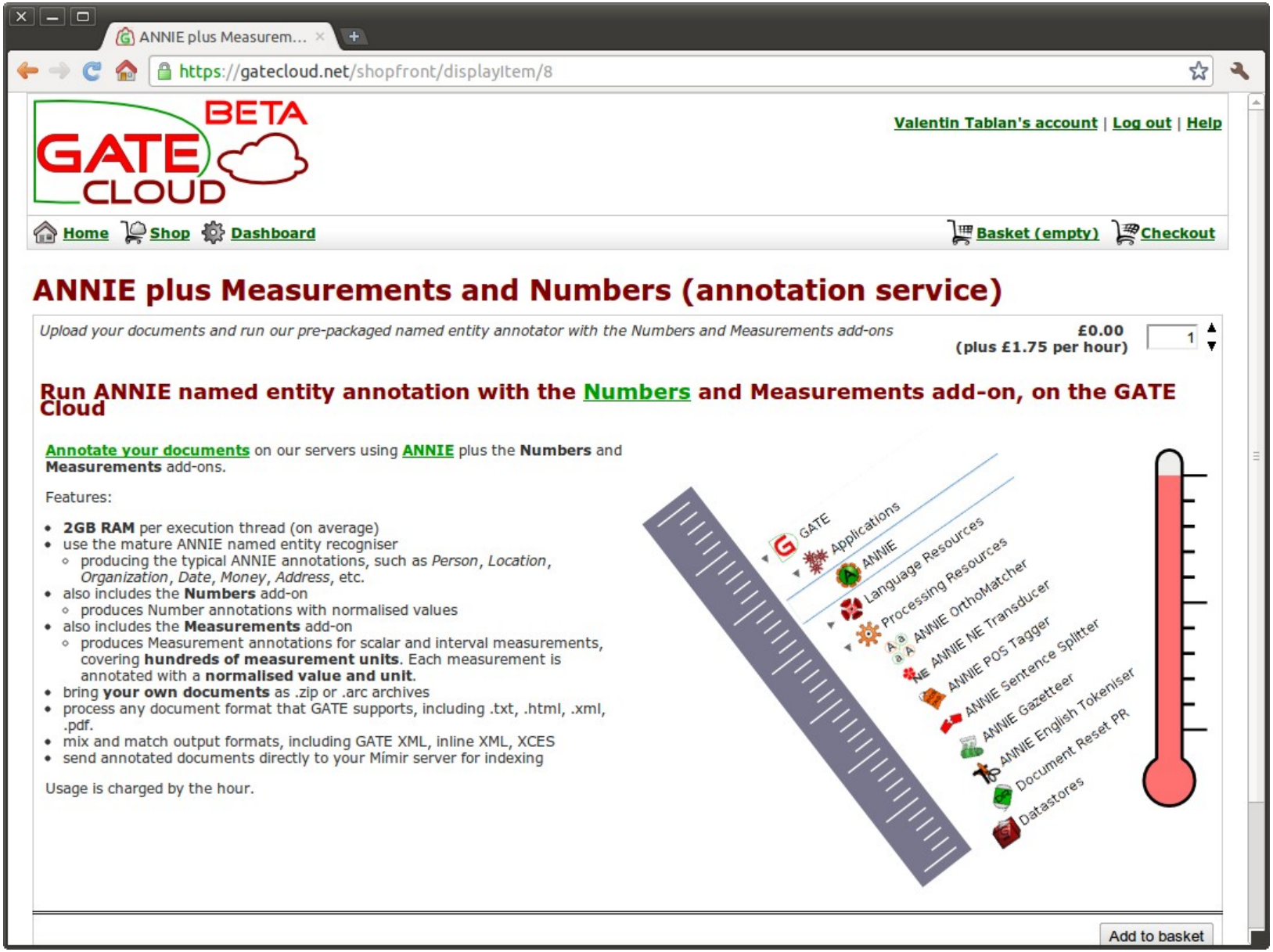
Annotation Jobs: Execution Environment

- Ubuntu 10.10 Linux
- 64 bit
- SUN (Oracle) Java 1.6.0_21
- 2 GB RAM / thread (on average)
- GATE Embedded version 6.1
- GATE Cloud Paralleliser version 2.0
- Secure sandbox

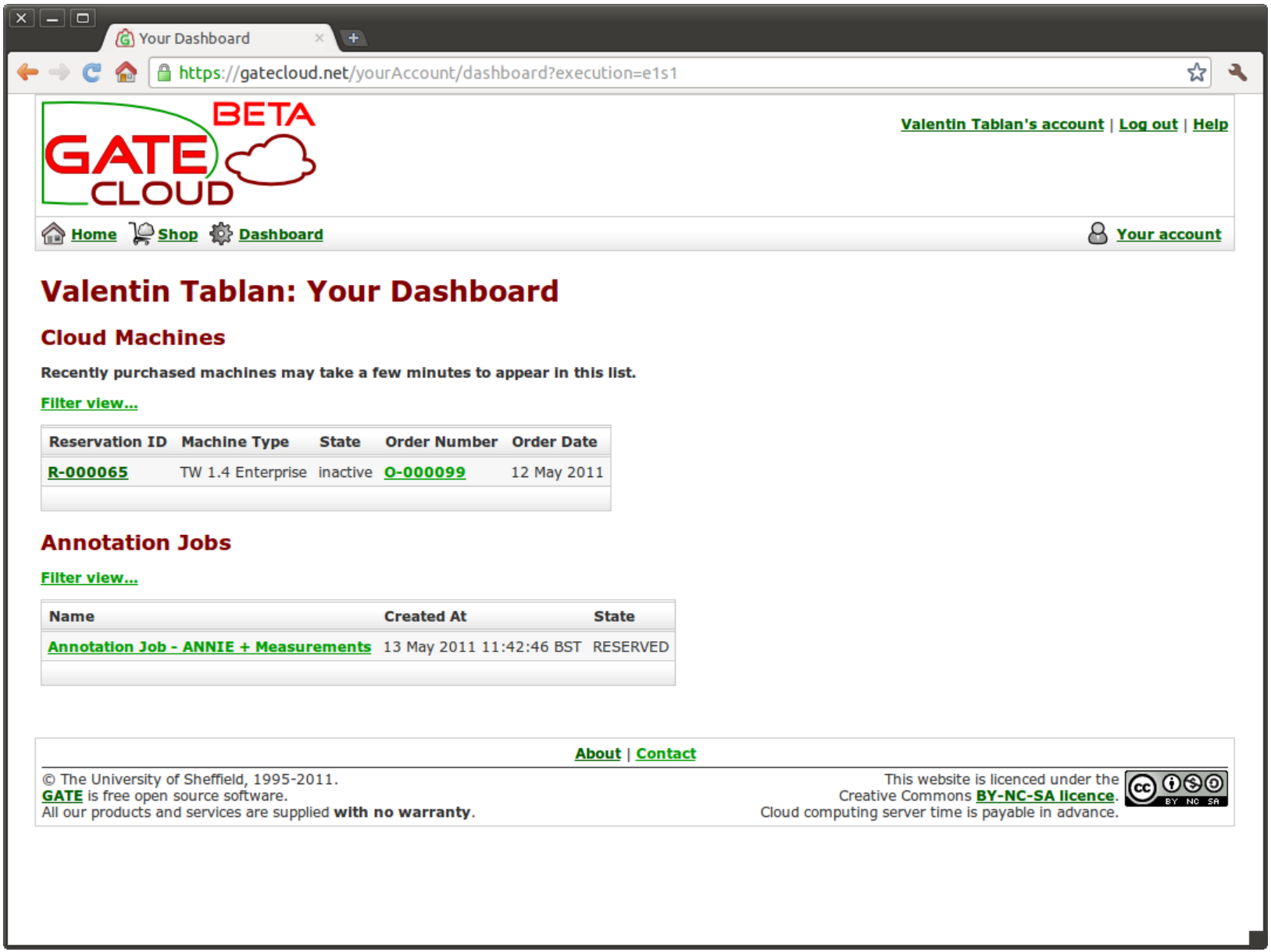
Running an Annotation Job



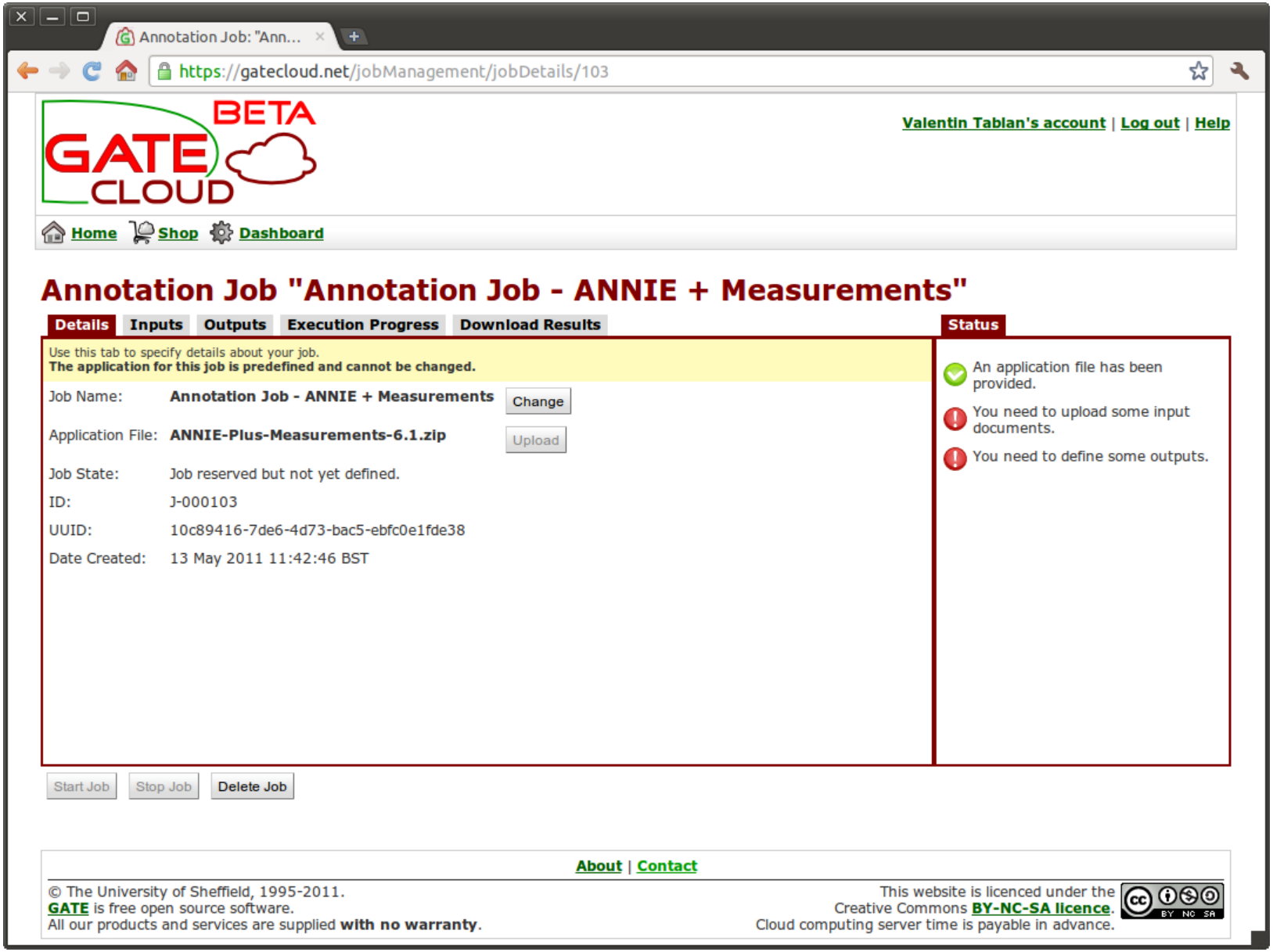
Pick, Checkout, Buy



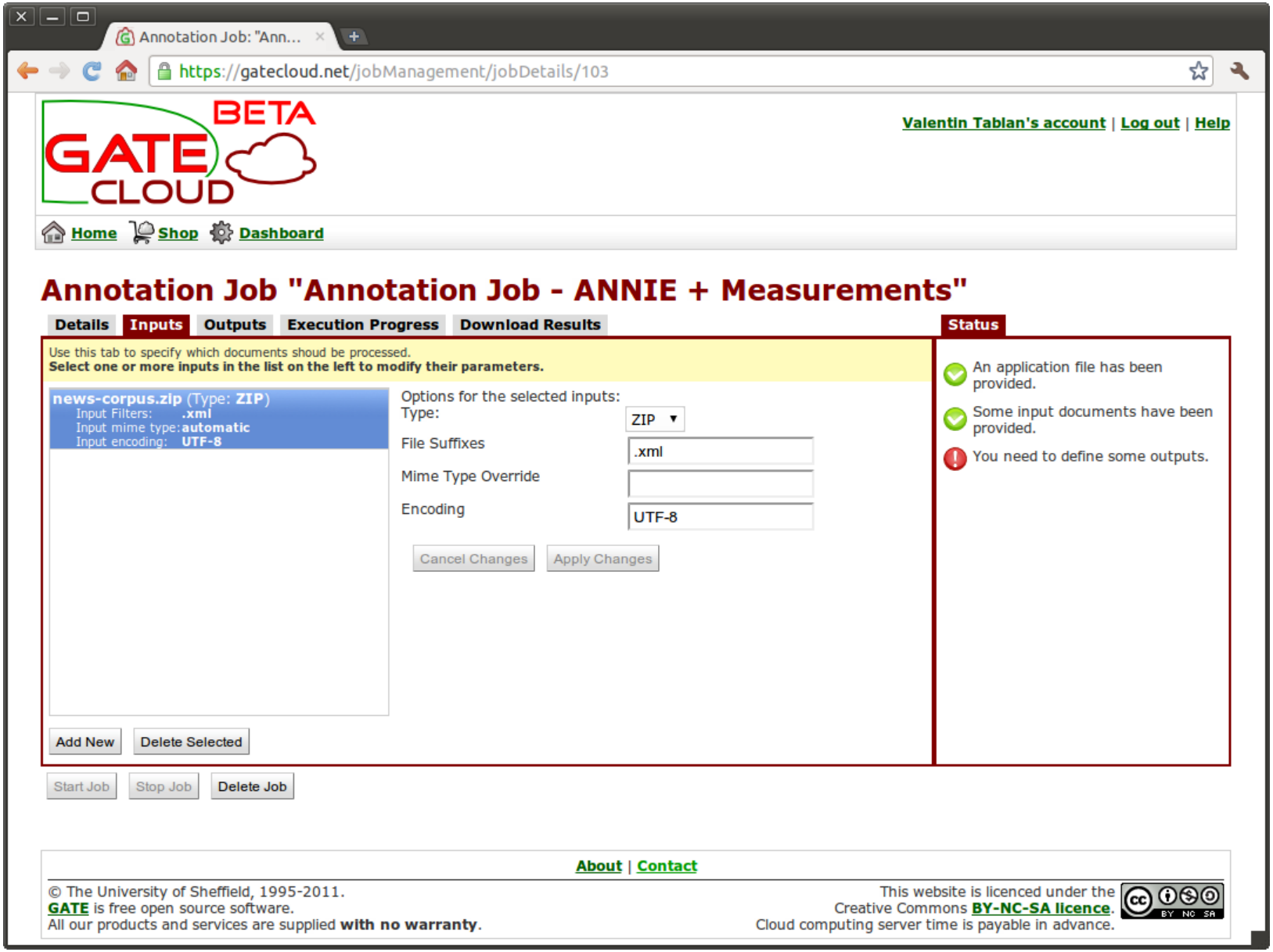
Your Dashboard



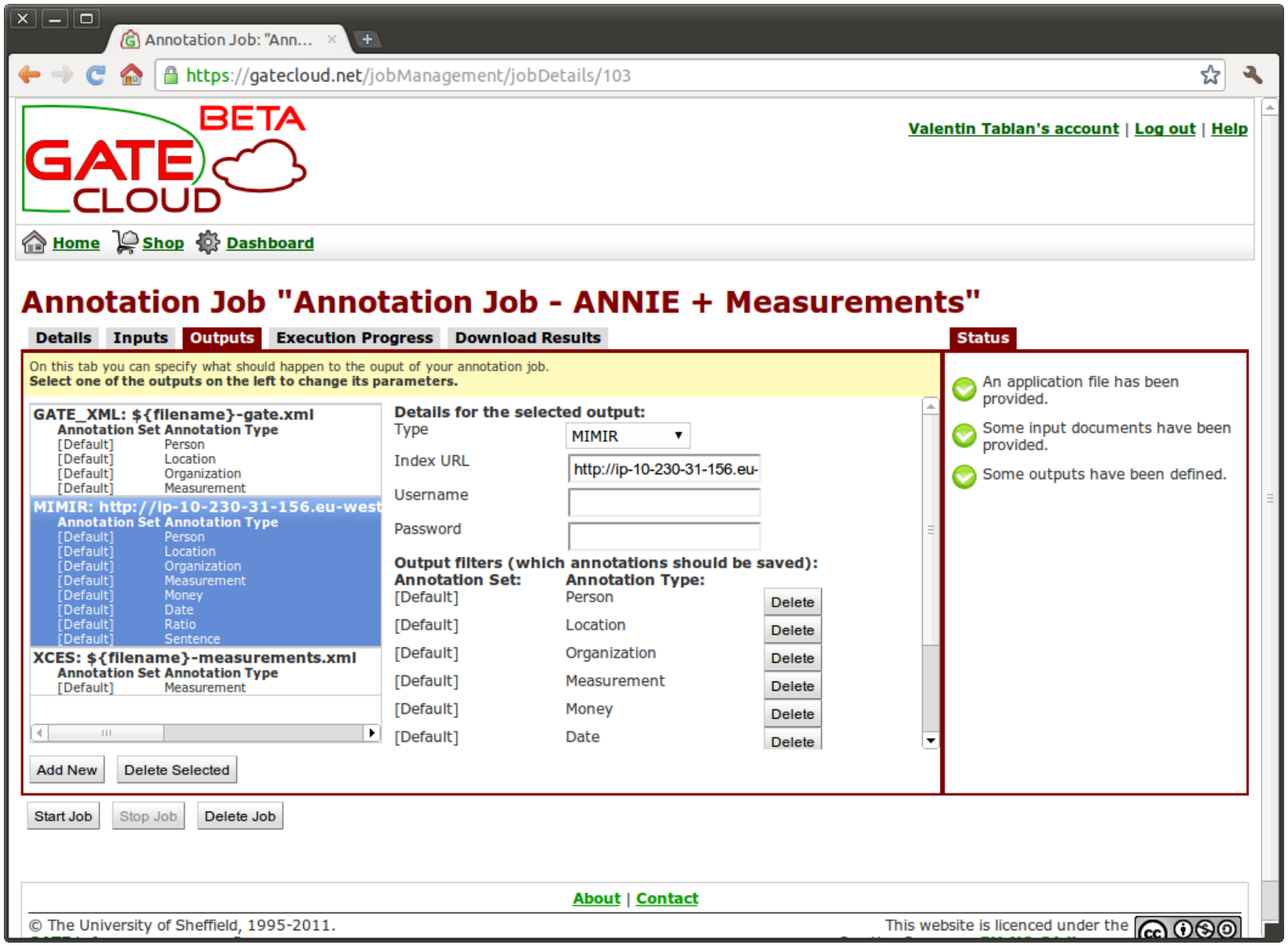
Job Editor: Details



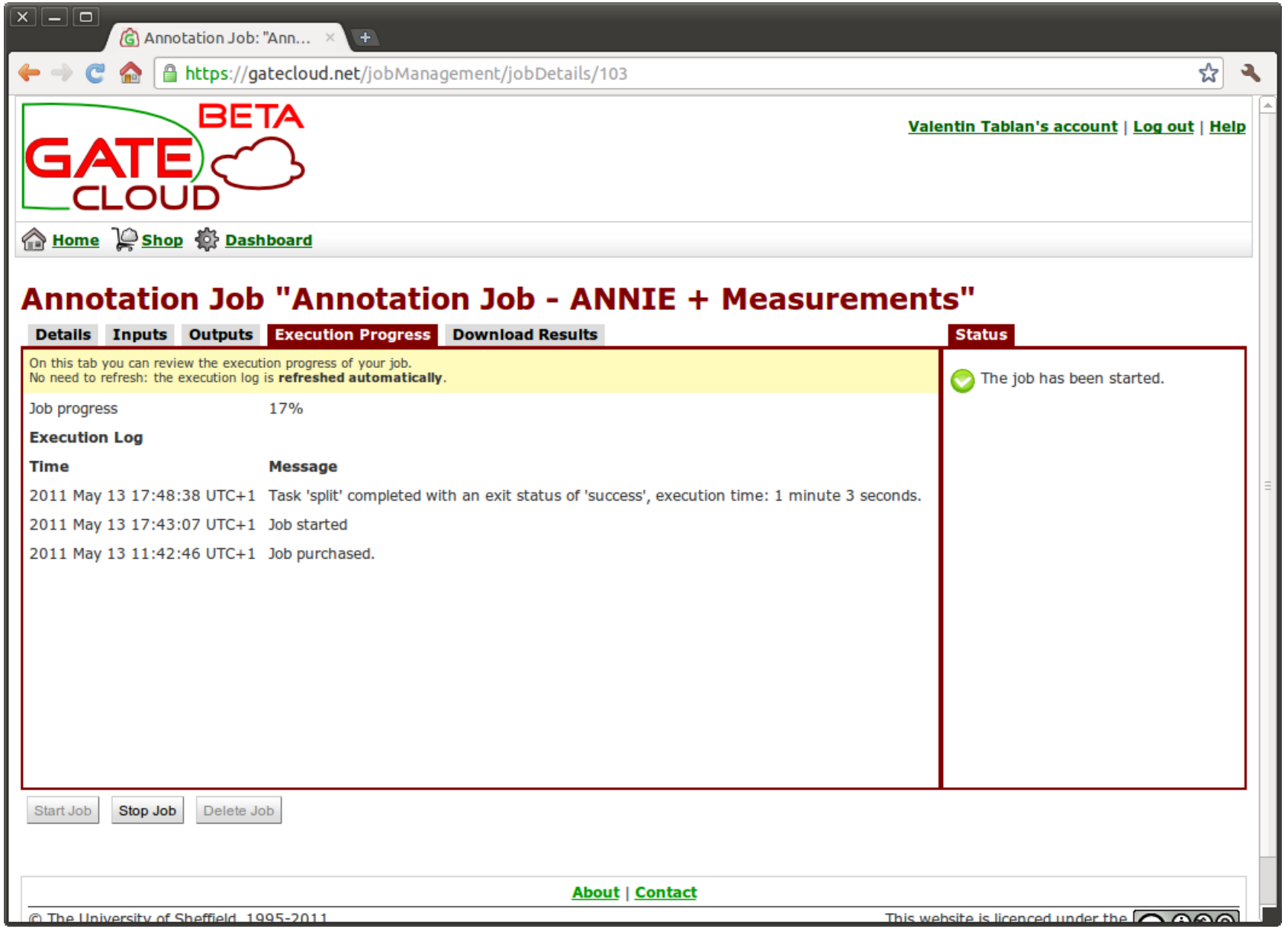
Job Editor: Inputs



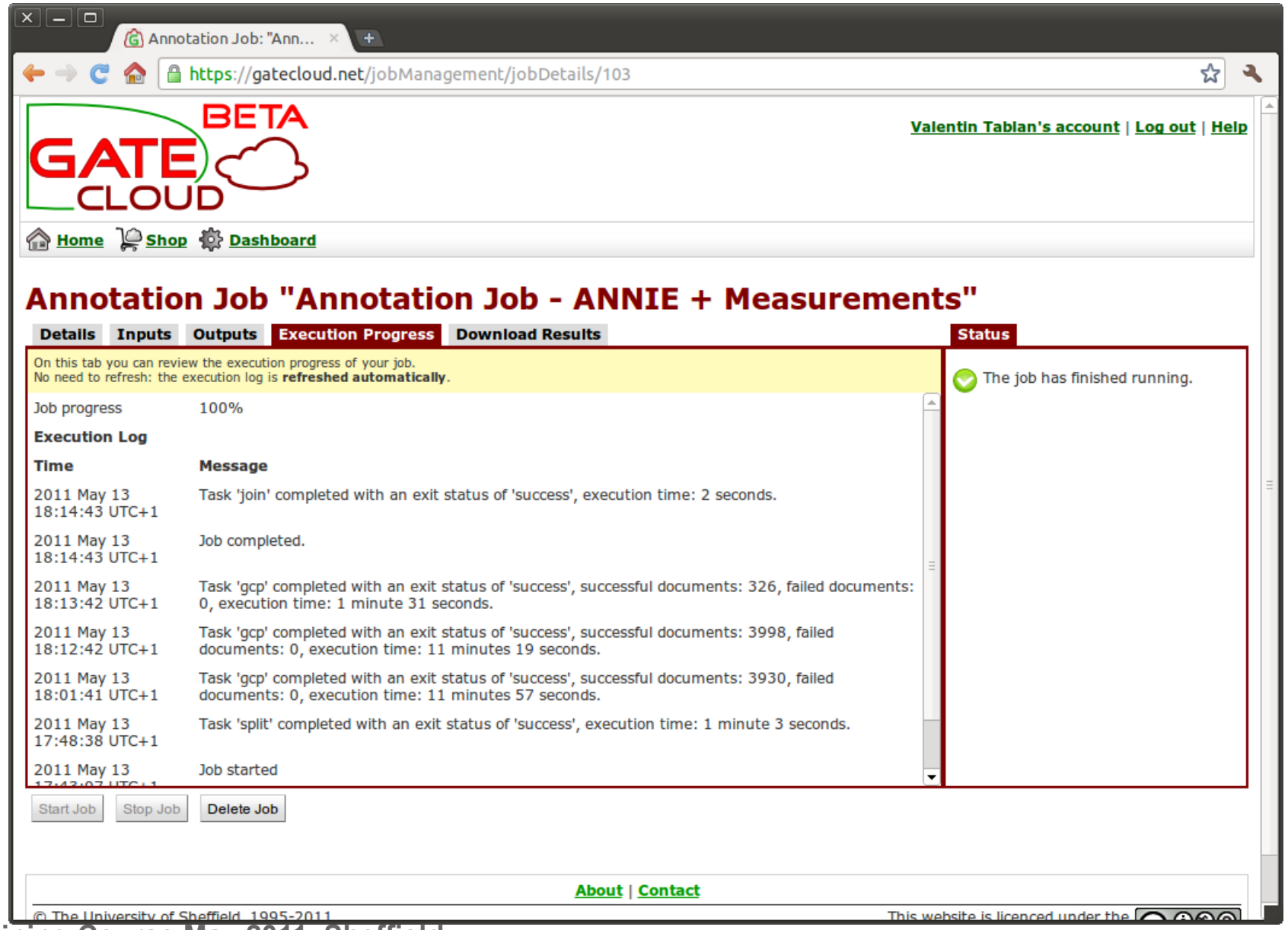
Job Editor: Outputs



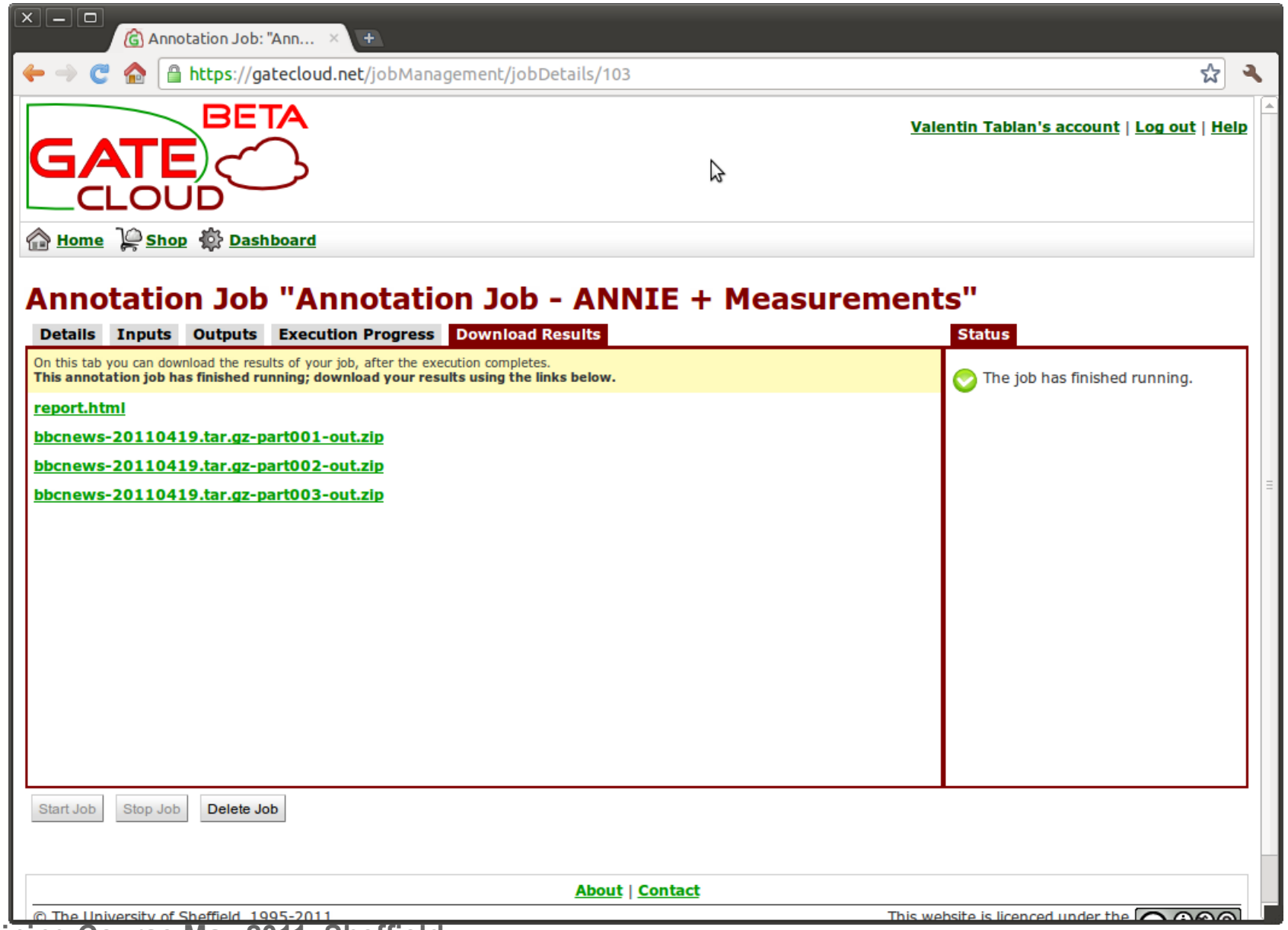
Job Editor: Progress



Job Editor: Done!



Job Editor: Results



Thank You!

More info at:

- https://gatecloud.net
- http://gate.ac.uk
- http://facebook.com/gate.ac.uk
- http://twitter.com/GateAcUk
- Talk to us during coffee breaks ;)