

# Humanities computing

Claudine Chionh

University of Melbourne

2 March 2010 / LUV meeting

# Overview

The Founders and Survivors project

Humanities computing

Why FOSS?

Challenges

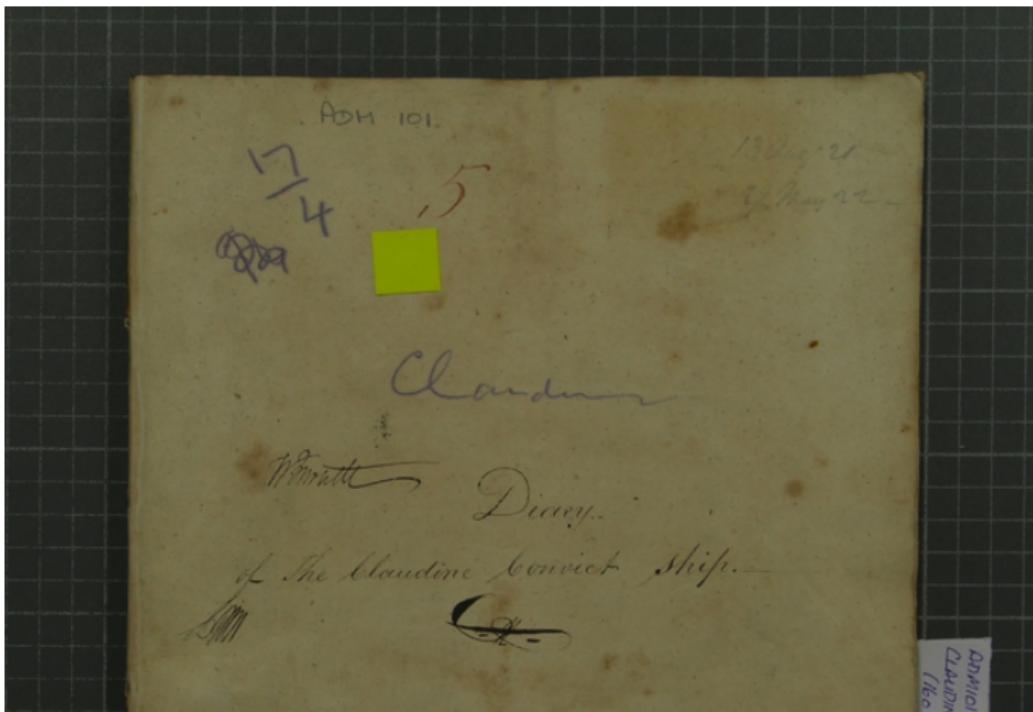
Drupal in action: Data migration

# The *Claudine*

Woolwich 24/aug/1821 to Hobart 15/dec/1821 – 113 days at sea

160 male convicts boarded, 159 survived/landed (not a bad record)

# Journal



# Conduct registers

۱۷

Still John  
Cleric Dec 1821  
Leicester 15<sup>th</sup> Jan 1821

June 5 for Grand Jury to view 2 cases of assault & battery  
against 2 negroes, one of whom was severely beaten.  
The negroes were assaulted by 2 white men, one of whom  
was identified as being a member of the Ku Klux Klan.  
The negroes were assaulted at about 12 o'clock noon on  
Tuesday at Calvary Baptist Church, 14th and Locust, St. Louis.

June 6, 1924. Appearance and arrest of negroes 26 Parker, 17, C. S. 1/26/24 at  
8:30 P.M. Parker & Q. S. Light, 17, C. S. 1/26/24 at 9:30 P.M. Parker & C. S. 1/26/24 at 10:15 P.M.  
by Officers 26 Parker, 17, C. S. 1/26/24 P.M. Light, 17, C. S. 1/26/24 at 10:15 P.M.  
in connection with the assault of the negroes. Parker & Light are descendants from Rev. George Young,  
of Calvary, Oct. 1, 1923. They are brothers from Red Gandy about 12 feet high & 600 pounds each one  
1923 & 21. Examined in a charged case filed against them for maliciously cutting  
& wounding Negroes Comp. claim of \$1000.

# Archives of Tasmania convict index

 Tasmania  
Solve the enigma! [www.tas.gov.au](http://www.tas.gov.au)

Archives Office of Tasmania

[Home](#) | [Site map](#)

## Convict Details

**Astill, John**

**Convict No:** 1744  
**Extra Identifier:**  
**SEE Surname:**  
**SEE Given Names:**  
**Voyage Ship:** Claudine  
**Voyage No:** 18  
**Arrival Date:** 15 Dec 1821  
**Departure Date:** 20 Aug 1821  
**Departure Port:** England  
**Conduct Record:** [CON31/1/1](#)  
**Muster Roll:** [CSO1/1/403](#) 9103  
**Appropriation List:**  
**Other Records:**  
**Indent:**  
**Description List:**  
**Remarks:**

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# Founders and Survivors



# Founders & Survivors

Australian life courses in historical context 1803-1920

A national project funded by the Australian Research Council

# Van Diemen's Land

Transportation period, 1803-1853

~ 1 million rows of data

Quantifiable data: conduct registers, BDM...

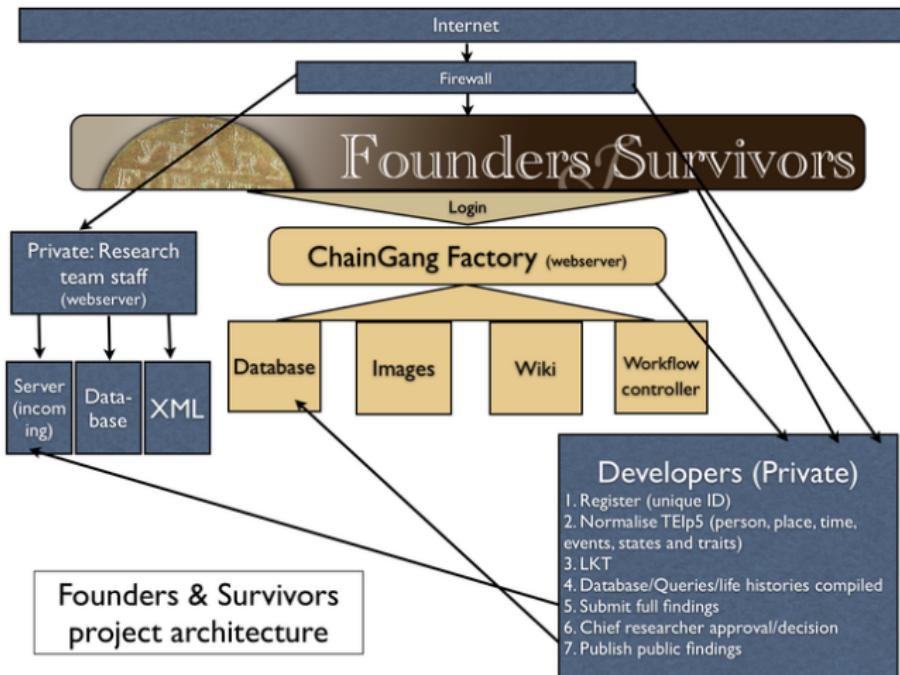
Text: journals, newspaper reports

# Genealogists

What happened to convicts after they were freed?

Links with genealogists for lives of convicts and their families.

# The 'factory plan'



# Old questions, new tools?

Digitisation

Analyse large[r] amounts of material

Public access and collaboration

# The Valley of the Shadow



## Valley Personal Papers

[Return to Browse](#) | [Return to Search](#)

[Bibliographic Information](#) | [Modern-Spelling Version](#)

Augusta County: John H. Cochran to His Mother, December 11, 1860

**Summary:**

Cochran talks about the growing anxiety and uncertainty surrounding South Carolina's threat of secession and evaluates the South's readiness for a war.

---

Mother

Decr. 11<sup>th</sup> 60

Richmond

Dear Mother

Your letter is received and contents noted. I will come up sometime after Christmass what time I cannot now say but as soon as circumstances will permit.

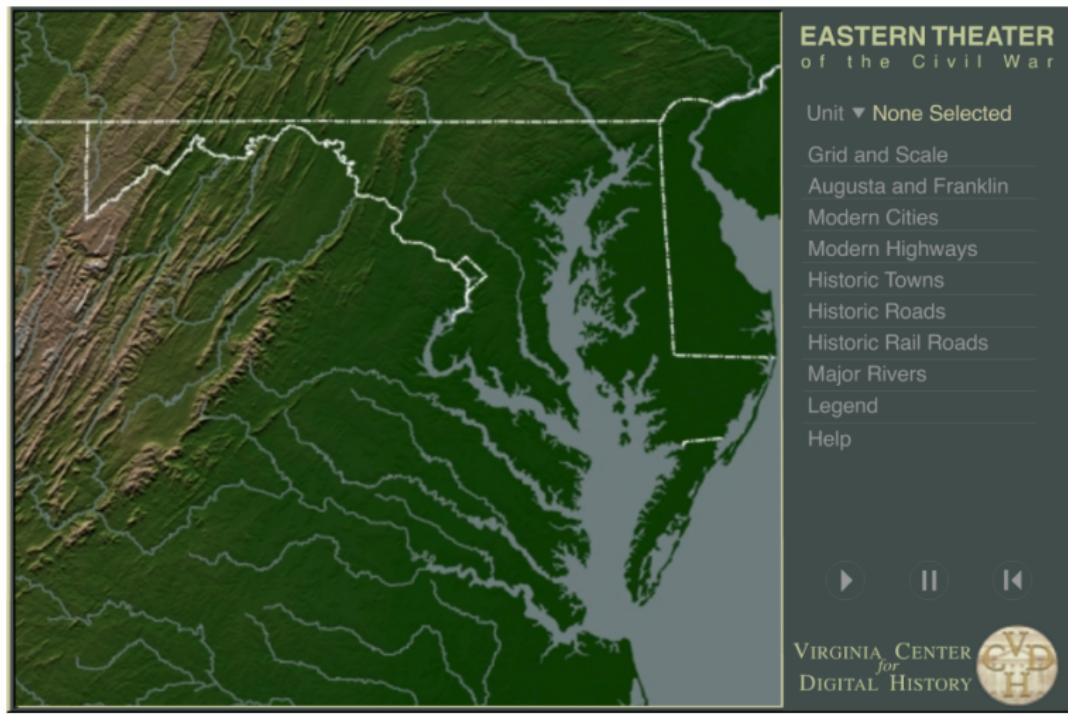
The country is now in a fearful state of agitation. So much so that thinking men believe that a war between the sections is imminent. Should things continue as they are I do not think that any one will venture into the tobacco business at least until near spring. We contemplate holding off until then as we expect that by that time things will have been settled or taken such a turn as to indicate whether the business will be safe or not. Ours (~~business~~) being a credit business and being carried on almost exclusively through agencies in the northern states would be the first and longest sufferer from civil war.

As you have seen by the papers your own glorious native state has at last determined to throw off the shackles of a government which it would be disgrace for any southern man to submit to. Glorious South Carolina how I wish I also could claim it for my native country. In this city the friends of Southern rights are not idle though we are not making any fuss or parade of our strength. We could muster

[page 2]

with a days notice five hundred good men and true who are determined to maintain our rights. Even though we have to fight in the language of the infamous traitor Douglas "with halters around our necks." Blue cockades are not uncommon here. I have been wearing one for nearly two months and so help me God I intend if necessary to make the declaration implied by it good even with my hearts blood.

# The Valley of the Shadow



# Old Bailey Online

The Proceedings of the OLD BAILEY  London's Central Criminal Court, 1674 to 1913

Home | Search | About The Proceedings | Historical Background | The Project | User Wiki | Contact

In this section...

Search Home  
Personal Details  
Ordinary's Accounts, 1679-1772  
Proceedings by date  
Ordinary's Accounts by date  
Statistics  
Custom Search  
Associated Records, 1674-1834  
Place and Map Search, 1674-1834

**Old Bailey Proceedings, 25th November 1850.**

Reference Number: t18501125  
User Wiki Corrections Add Information 

Reference Number: t18501125

MUSGRAVE, MAYOR.  
CENTRAL CRIMINAL COURT.  
Minutes of Evidence,  
VOLUME XXXIII  
Session I to Session VI  
London



CENTRAL CRIMINAL COURT.  
MUSGROVE, MAYOR, FIRST SESSION.  
A star (\*) denotes that prisoners have been previously in custody—two stars (\*\*) that they have been more than once in custody—An obelisk (†) that they are known to be the associates of bad characters.

LONDON AND MIDDLESEX CASES.

OLD COURT—Monday, November 25th, 1850.  
PRESENT—The Right Hon. the LORD MAYOR, Ald. HOOPER,  
Mr. RECORDER, Mr. Ald. WILLIAM HUNTER, Mr. Ald. SALOMONS, and Mr. Ald. LAWRENCE.  
*Before Mr. Recorder and the First Jury.*

Reference Number: t18501125-1

1. JOSEPH STRICKLAND and ANN COLLINS were indicted for unlawfully conspiring together, and with one Frances M'Kenna, to cheat and defraud Ellen Savage.  
NOT GUILTY .

NEW COURT—Monday, November 25th, 1850.

# Perseus Digital Library

## Virgil's *Aeneid*

Maro, *Aeneid*  
ugh, Ed.

Search  
(*"Agamemnon"*, *"Hom. Od. 9.1."*, *"denarius"*)  
[All Search Options](#) [view abbreviations]

[Research](#)   [Grants](#)   [Open Source](#)   [About](#)   [Help](#)

In blue: Click anywhere in the line to jump to another position.

[Hide browse bar](#)



Click on a word to bring up parses, dictionary entries, and frequency statistics

Verg. A. 1.1

[focus](#) [hide](#)

Arma virumque cano, Troiae qui primus ab oris  
Italiam, fato profugus, Laviniaque venit  
litora, multum ille et terris iactatus et alto  
vi superum saevae memorem Iunonis ob iram;  
multa quoque et bello passus, dum conderet urbem,  
inferretque deos Latio, genus unde Latinum,  
Albanique patres, atque altae moenia Romae.  
Vergili. Bucolics, *Aeneid*, and *Georgics* Of Vergil. J. B. Greenough. Boston, Ginn & Co. 1900.

The National Endowment for the Humanities provided support for entering this text.

[XML](#)



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An XML version of this text is available for download, with the additional restriction that you offer Perseus any modifications you make. Perseus provides credit for all accepted changes, storing new additions in a versioning system.

5

Arms, and the man I sing, who, forc'd by fate,  
And haughty Juno's unrelenting hate,  
Expell'd and exil'd, left the Trojan shore.  
Long labors, both by sea and land, he bore,  
And in the doubtful war, before he won  
The Latian realm, and built the destin'd town;  
His banish'd gods restor'd to rites divine,  
And settled sure succession in his line,  
From whence the race of Alban fathers come,  
And the long glories of majestic Rome.

English (John Dryden)

Arms and the man I sing, who first made way,  
predestined exile, from the Trojan shore  
to Italy, the blest Lavinian strand.

Smitten of storms he was on land and sea  
by violence of Heaven, to satisfy  
stern Juno's sleepless wrath; and much in war  
he suffered, seeking at the last to found  
the city, and bring o'er his fathers' gods  
to safe abode in Latium; whence arose  
the Latin race, old Alba's reverend lords,  
and from her hills wide-walled, imperial Rome.

English (Theodore C. Williams, 1910)

[focus](#) [hide](#)

References (4 total)

- Cross-references to this page (2):
  - Anne Mahoney, Overview of Latin Syntax, [Nouns, Adjectives, and Pronouns](#)
  - Anne Mahoney, Overview of Latin Syntax, [Sentence Construction](#)
- Cross-references in general dictionaries to this page (2):
  - Lewis & Short, *arma*
  - Lewis & Short, *cane*

[hide](#)

# 'Libraries': Literary and linguistic applications

Index Thomisticus (1946)

Perseus

# 'Archives': Historical applications

Digitisation

Data analysis

Collaboration

# Digitisation

Documents

Images

Linked/cross-referenced presentation of sources

# Tasmanian Police Gazette, 1861-1933



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POLICE DEPARTMENT.

**N**O TICE.—All communications connected with  
"Police," for insertion herein, must be addressed  
to the Inspector of Police, Hobart; and every Report  
of Crime must be signed by a superior Officer of Police  
of the District or Municipality in which it is alleged to  
have been committed.

*Whatever a reward is offered for the apprehension of an offender, such reward will not be inserted without sufficient guarantees for the payment thereof accompanying the notice to the Inspector of Police.*

*Officers of Police are requested to peruse this Report carefully, and to notify to the Inspector of Police any information in reference to any notice therein of which they may become possessed, referring to the date and page of the Report containing the same.*

A Duplicate of every Warrant issued and extended for publication in the Crime Report should accompany the notice thereof to this Office.

*Officers of Police are requested to furnish in their reports of felonies, full and specific information necessary not only to lead to the arrest of offenders but also to enable them to be properly charged before a Magistrate. Their attention is directed to the official Forms furnished to them for this purpose.*

## BRIGHTON MUNICIPALITY.

# Surgeon's journals

Source: Surgeon's Journal of the Marquis of Hastings (2), adm101-050-06.  
 Entries for Thomas Law (Lowe) and James Green, both of whom survived the voyage

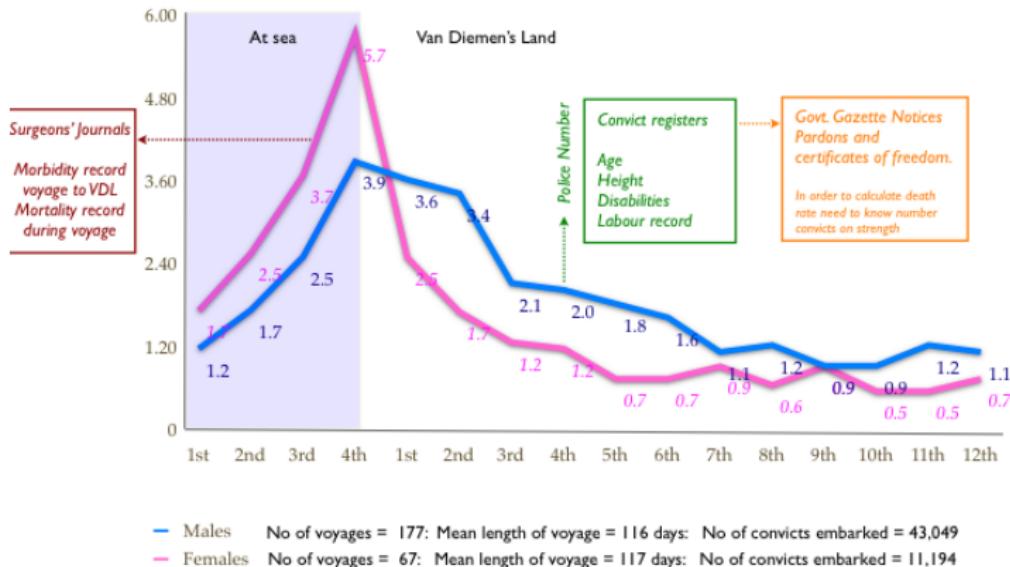
Name of Diseas.	No. of Case	Date when and where taken and how disposed of.	The History, Symptoms, Treatment, and Daily Progress of the Disease or Illness.	Name of Diseas.	No. of Case	Date when and where taken and how disposed of.	The History, Symptoms, Treatment, and Daily Progress of the Disease or Illness.
			<p>1<sup>st</sup> Left. Burns much worse, getting in post in raised flabby patches between the teeth. Breath flabby, aspect abomin. lassitude or collapse like. Dr. Wm. H. Price. Colic. Acid. 3g per diem.</p> <p>1<sup>st</sup> To day, burns more painful but still patchy. C. &amp; 3g opiate like.</p> <p>1<sup>st</sup> Burns more swollen, a blue above left after constrictor. Two flabby grey swelling on left lower canines. Breath still faded, wt. very.</p> <p>Sore throat symptoms much aggravated by the state of health but did not improve under the Extra Acid. Regurg of disease apparently moderated however.</p>				<p>8<sup>th</sup> Left. Burns and heat (light). Urine. Medicines however did not do or taken earlier morning general health failing. Dr. Wm. H. Price. Acid. 3g per diem.</p> <p>9<sup>th</sup> Burns and general health better improved. Medicines same.</p> <p>10<sup>th</sup> Burns better, still swollen but firmer and red.</p> <p>A state of local infections same and general health improved under the exhibition of Col. Acid.</p>
Induration 24	14	Not known Medicines 2 Acid. 3g at bed -	<p>1<sup>st</sup> Left. Healthy and unswollen, burns slightly swollen, spongy, and bleed. Remission for the last 3 weeks.</p> <p>1<sup>st</sup> Dr. Price. 3g bran like.</p> <p>4<sup>th</sup> says the medicine makes him sick, and upsets his appetite. A. g. 3g Bran in oil.</p>	Induration 25	14	See Green Medicines 3 Acid. 3g at bed -	<p>1<sup>st</sup> Left. Same as the York. Health poor complexion reddish. Burns inflamed and flabby along the margins blue. Dr. Price. 3g bran in oil.</p> <p>1<sup>st</sup> Burns worse, flabby.</p> <p>1<sup>st</sup> as above. A. g. 3g bran like.</p> <p>2<sup>nd</sup> Burns considerably worse, blisters on the margins and protruding in spongy like granulations between the teeth. Breath fater very offensive. no appetite.</p> <p>A. g. 3g Bran in oil.</p>

## Conduct registers

James Green's entry in  
the conduct register of  
the Marquis of  
Hastings (2), 1842.

## Data analysis

*Death rates at sea and during the first year in the colony for male and female convicts arriving on voyages to VDL 1830-1853 (deaths per 1000 per month)*



GIS

# Mapping our Anzacs

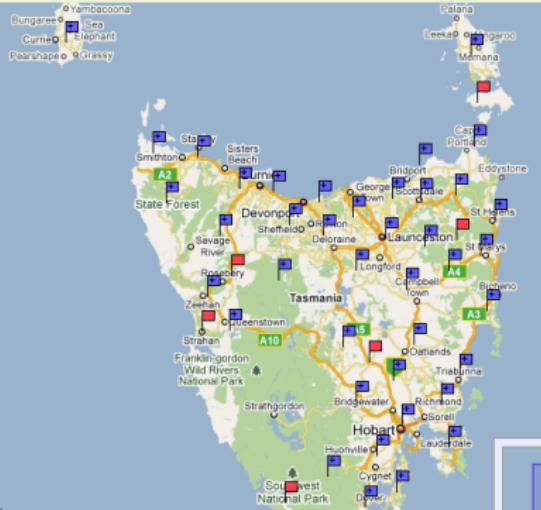
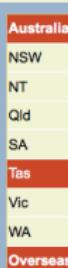
**Find a service person and see their service record.**



Add a note or photograph  
to the scrapbook.



**Build a tribute to people important to you.**



Click on a red flag to find people from that place.

**A blue flag** marks a cluster of places. Click for a list of places clustered at that point.

See what the  
numbers mean.

Or see the other  
search options.

# Collaboration

AUSTRALIAN  
NEWSPAPERS

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Hobart Town Gazette (Tas. : 1825-1827) [\(about\)](#) Saturday 25 June 1825 ► Page 1 of 4

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Cite: <http://nla.gov.au/nla.news-article8790746>

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[How to correct this text?](#)

No corrections yet.

GOVERNMENT NOTICE.

1

Secretary's Office, Hobart Town,  
June 16, 1825.

1 f] ^IE:-^j: WÜTENANV GOVERNOR

\* lia. « I open pleased to appoint  
Messrs. Ross and HOWE Govern-  
ment Printers, w/c AN DREW BENT;  
and all Government ami General  
Orders, Advertisements, Notices,  
kc. from the various Departments,  
will be circulated through

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GOVERNMENT NOTICE.

**GOVERNMENT NOTICE.**

**Secretary's Office, Hobart Town,**  
**June 16. 1825.**

**THE LITENANT GOVERNOR**  
has been pleased to appoint  
Messrs. **ROS** and **HOWE** Govern-  
ment Printers, *vico* **ADREW BEN**T;  
and all Government and General  
Orders, Advertisements, Notices,  
&c. from the various Departments,  
will, in future, be circulated through  
the **GAZOTE**, published under Au-  
thority, by these Gentlemen.

*By His Honor's Command,*  
**JOHN MONTAGU**, Secretary.

GOVERNMENT & GENERAL ORDER.  
Government House, Hobart Town,  
June 23. 1825.

**ZOOM**

View entire page

# Why FOSS?

Community of developers

Access

Values

# Community of developers

Mutual support

Don't reinvent the wheel

Using and adapting tools

# Access

Make archival sources and research results accessible to general public

Sharing data with other researchers

# Values

Public interest

Free access, free expression

Dialogue

Public participation

# The Two Cultures

*The Two Cultures and the Scientific Revolution*

CP Snow, Rede Lecture, 1959

Literature/humanities vs science/tech

# Many cultures?

Translating between academics, IT professionals, diverse public audience

Different priorities, research questions

# Geeks and non-geeks

Non-geeks may not understand the values behind FOSS

Technology as magic

# Where do developers belong?

Identity crisis

'Digital humanities professional'?

Background – IT or academic?

Autonomy

Career progression

Where do humanities computing projects belong?

# Screenshot: Index record

## 2218 | Bailey, Robert (Claudine)

Submitted by admin on 15 February, 2010 - 12:07

### Convict identity

**Convict number:**  
2218  
**Convict submission references:**  
Robert Bayley  
**Surname:**  
Bailey  
**Forename:**  
Robert  
**Extra ID:**  
NULL  
**See Surname:**  
NULL  
**See Forename:**  
NULL

### Voyage

**Voyage ship:**  
NULL  
**Voyage arrival:**  
29 November, 0001  
**Remarks:**  
NULL  
**Voyage number:**  
18  
**Ship name:**  
Claudine  
**Date of departure:**  
20 August, 1821  
**Port of departure:**  
England  
**Date of arrival:**  
15 December, 1821

# Why Drupal?

Modular

Define our own content types and views

Define user roles

Workflow

# Index data

Access -> Excel -> CSV

-> Drupal?

Database on the web

# Content Construction Kit

<http://drupal.org/project/cck>

Define your own data structures in Drupal

## Convict index record

- ⊕ Add fields and groups to the content type, and arrange them on content display and input forms.

You can add a field to a group by dragging it below and to the right of the group.

Label	Name	Type	Operations
⊕ Title	Node module form.		
⊕ Menu settings	Menu module form.		
⊕ Revision information	Node module form.		
⊕ File attachments	Upload module form.		
⊕ Comment settings	Comment module form.		
⊕ Path settings	Path module form.		
⊕ Convict identity	group_convidentity	Standard group	Configure Remove
⊕ Convict number	field_convnum	Integer	Configure Remove
⊕ Convict submission references	field_convsubref	Node reference	Configure Remove

# Rules

<http://drupal.org/project/rules>

More powerful than core Trigger and Action modules

Generate a title for each node

{index number} | {convict name} ({ship name})

# Views

<http://drupal.org/project/views>

Define your own views of content

# Table Wizard

<http://drupal.org/project/tw>

Expose a MySQL table or CSV file to Views

# Table analysis

## Analysis of ai

Operations on this table: Reanalyze | View table contents

Filter: Show all fields | Show only ignored fields | Show only fields which are not being ignored

0 of 33 fields have no data for any row.

→ Help

Field name	Ignore	Empty	PK	Available key	Type	Text length	Range	Comments
convnum				<input checked="" type="checkbox"/>	int	1-81576		
surname	<input type="checkbox"/>			<input type="checkbox"/>	varchar 1-18	Aaron Zoman		
forename	<input type="checkbox"/>			<input type="checkbox"/>	varchar 1-30	A Zillah		
extralD	<input type="checkbox"/>			<input type="checkbox"/>	varchar 1-4	1 NULL		
seeSurname	<input type="checkbox"/>			<input type="checkbox"/>	varchar 3-17	Abel Yule		
seeGivenNames	<input type="checkbox"/>			<input type="checkbox"/>	varchar 3-27	Aaron Zachariah		
seeExtralD	<input type="checkbox"/>			<input type="checkbox"/>	varchar 0-1	4		
voyageShip	<input type="checkbox"/>			<input type="checkbox"/>	varchar 3-25	17 Oct 1867 Zeus		

# Migrate

<http://drupal.org/project/migrate>

Map structure of external table to a Drupal data structure

Migrate Extras [http://drupal.org/project/migrate\\_extras](http://drupal.org/project/migrate_extras) to migrate to CCK fields

# Content set

convnum		CCK: Convict number value
<none>		CCK: Convict submission reference nid
surname		CCK: Surname value
forename		CCK: Forename value
extralD		CCK: Extra ID value
seeSurname		CCK: See Surname value
seeGivenNames		CCK: See Forename value
seeExtralD		CCK: See Extra ID value
voyageShip		CCK: Voyage ship value

# Migrate dashboard

## Migrate

[Clear](#) [Import](#) [Content Set](#) [Total rows](#) [Imported](#) [Unimported](#) [Last imported](#)

<input type="checkbox"/>	<input type="checkbox"/>	aiconvindex	81575	5673	75902
--------------------------	--------------------------	-------------	-------	------	-------

[Execute](#)

While large migration tasks are best run via drush, you may choose here to execute tasks directly. Check any tasks you want to run, and click the Run button. Note that the settings below will be applied to each task you run.

Running tasks may be cleanly stopped by clicking **Stop all running tasks**.

Update previously-imported content

If unchecked, import operations will only process source data which has not already been imported. If checked, they will also replace previously-imported destination objects with the current source information.

**Sample size:**

50

Number of records to process. Leave blank to process all records in the content set.

**Source IDs:**

Enter a comma-separated list of IDs from the incoming content set, to process only those records.

[Run](#)

[Stop all running tasks](#)

# Drush

Web-based dashboard good for testing on small samples

Drush: the Drupal Shell [\(out of memory issues\)](http://drupal.org/project/drush)

Run drush migrate-import {content set} from cron

Approx. one week to migrate ~ 80,000 records

# Next stage of project

(manually) linking official index with public submissions

- later life stories
- WWI links

# Links

The Valley of the Shadow <http://valley.lib.virginia.edu/>

Old Bailey Online <http://www.oldbaileyonline.org/>

Perseus Digital Library <http://www.perseus.tufts.edu/>

Index Thomisticus <http://www.corpusthomisticum.org/it/>

# Links

Founders and Survivors <http://www.foundersandsurvivors.org/>

Mapping Our Anzacs <http://mappingouranzacs.naa.gov.au/>

Australian Newspapers (National Library)

<http://newspapers.nla.gov.au/>

Essays in Humanities Computing

<http://www.digitalhumanities.org/Essays/>

# Questions/advice?

[http://claudine.github.com/2010/02/17/  
drupal-table-wizard-migrate.html](http://claudine.github.com/2010/02/17/drupal-table-wizard-migrate.html)

<http://www.slideshare.net/claudinec>