

start: 09:00

end: 10:10

Len: 0:70:0

id: 137

set page 1 of 208

Conference Opening

Jack Skinner, Bruce Crawley, James Polley

Conference Opening

Jack Skinner, Bruce Crawley, James Polley

start: 10:45

end: 10:50

Len: 0:5:0

id: 135

set page 2 of 208

Miniconf Intro

Andrew Donnellan

Miniconf Intro

Andrew Donnellan

start: **10:50** end: **11:30**

Len: 0:40:0

id: 135

set page 3 of 208

Look out for what's in the security pipeline

Casey Schaufler

Look out for what's in the security pipeline

Casey Schaufler

start: **11:35**end: **12:25**

Len: 0:50:0

id: 135

set page 4 of 208

Large Memory Management issues: Performance, Fragmentation, Movable objects and Huge Page overhead.

Christopher Lameter

Large Memory Management issues: Performance, Fragmentation, Movable ob

Christopher Lameter

start: **13:40** end: **14:05**

Len: 0:25:0

id: 135

set page 5 of 208

Status of Mainline Linux on AmLogic SoCs

Neil Armstrong

Status of Mainline Linux on AmLogic SoCs

Neil Armstrong

start: 14:05

end: 14:30

Len: 0:25:0

id: 136

set page 6 of 208

Namespacing in SELinux

James Morris

Namespacing in SELinux

James Morris

start: **14:35** end: **15:00**

Len: 0:25:0

id: 136

set page 7 of 208

The design and implementation of the XArray

Matthew Wilcox

The design and implementation of the XArray

Matthew Wilcox

start: **15:00** end: **15:20**

Len: 0:20:0

id: 136

set page 8 of 208

Intro to Kernel Hacking - finding things to work on.

Tobin Harding

Intro to Kernel Hacking - finding things to work on.

Tobin Harding

start: **15:50** end: **16:30**

Len: 0:40:0

id: 136

set page 9 of 208

GPL compliance report and Q&A

Karen Sandler

GPL compliance report and Q&A

Karen Sandler

start: **16:35** end: **17:00**

Len: 0:25:0

id: 136

set page 10 of 208

Decoding Those Inscrutable RCU CPU Stall Warnings

Paul E. McKenney

Decoding Those Inscrutable RCU CPU Stall Warnings

Paul E. McKenney

start: **17:00** end: **17:30**

Len: 0:30:0

id: 137

set page 11 of 208

Virtual Storage Pools with MARS Background Migration

Thomas Schoebel-Theuer

Virtual Storage Pools with MARS Background Migration

Thomas Schoebel-Theue

start: **10:45** end: **11:10**

Len: 0:25:0

id: 135

set page 12 of 208

You Can't Unit Test C, Right?

Benno Rice

You Can't Unit Test C, Right?

Benno Rice

start: **11:10** end: **11:35**

Len: 0:25:0

id: 135

set page 13 of 208

Understanding git - even the scary parts

Anwasha Chatterjee

Understanding git - even the scary parts

Anwasha Chatterjee

start: 11:40

end: 12:05

Len: 0:25:0

id: 135

set page 14 of 208

Source Code Generation: How I Learned to Stop Worrying and Love the Boilerplate

Daniel Phillips

Source Code Generation: How I Learned to Stop Worrying and Love the Boiler

Daniel Phillips

start: **12:05** end: **12:30**

Len: 0:25:0

id: 135

set page 15 of 208

In from the cold: Finally making Linux and .NET get along

Alistair Chapman

In from the cold: Finally making Linux and .NET get along

Alistair Chapman

start: **13:40**

end: **14:05**

Len: 0:25:0

id: 135

set page 16 of 208

Turning stories into software

Donna Benjamin

Turning stories into software

Donna Benjamin

start: **14:05** end: **14:30**

Len: 0:25:0

id: 136

set page 17 of 208

Next Generation Config Mgmt: Resources

James Shubin

Next Generation Config Mgmt: Resources

James Shubin

start: **14:35** end: **15:00**

Len: 0:25:0

id: 136

set page 18 of 208

Manage all your tasks with TaskWarrior

Paul '@pjf' Fenwick

Manage all your tasks with TaskWarrior

Paul '@pjf' Fenwick

start: **15:00** end: **15:25**

Len: 0:25:0

id: 136

set page 19 of 208

Love thy future self: making your systems ops-friendly

Matt Palmer

Love thy future self: making your systems ops-friendly

Matt Palmer

start: **15:50**

end: **16:15**

Len: 0:25:0

id: 137

set page 20 of 208

Beyond Web 2.0

Russell Keith-Magee

Beyond Web 2.0

Russell Keith-Magee

start: **16:15** end: **16:40**

Len: 0:25:0

id: 136

set page 21 of 208

Using "old skool" Free tools to easily publish API documentation

Alec Clews, Alec Clews

Using "old skool" Free tools to easily publish API documentation

Alec Clews, Alec Clews

Veyepar: TalkSigns.rfxml

start: **16:40** end: **17:30**

Len: 0:50:0

id: 137

set page 22 of 208

Developers Developers Lightning Talks

Christopher Neugebauer

Developers Developers Lightning Talks

Christopher Neugebauer

start: **10:45** end: **11:10**

Len: 0:25:0

id: 135

set page 23 of 208

Disruptive DNA sequencing

Martin Smith

Disruptive DNA sequencing

Martin Smith

start: **11:10** end: **11:35**

Len: 0:25:0

id: 135

set page 24 of 208

The not so secret source of bioinformatics

James Ferguson

The not so secret source of bioinformatics

James Ferguson

start: **11:35** end: **12:00**

Len: 0:25:0

id: 135

set page 25 of 208

Open Source Bioinformatics with R and RShiny

Goknur Giner

Open Source Bioinformatics with R and RShiny

Goknur Giner

start: 12:00

end: 12:25

Len: 0:25:0

id: 135

set page 26 of 208

HealthHack

Liz gillera

HealthHack

Liz gillera

start: **13:40** end: **14:20**

Len: 0:40:0

id: 135

set page 27 of 208

Using Mutagenesis to Understand Protein Function

Alan Rubin

Using Mutagenesis to Understand Protein Function

Alan Rubin

start: **14:20** end: **14:50**

Len: 0:30:0

id: 136

set page 28 of 208

Stemformatics Architecture

isha nagpal

Stemformatics Architecture

isha nagpal

start: 14:50

end: 15:20

Len: 0:30:0

id: 136

set page 29 of 208

Stemformatics Data Portal

Sadia Waleem

Stemformatics Data Portal

Sadia Waleem

start: **15:50** end: **16:30**

Len: 0:40:0

id: 136

set page 30 of 208

How novel compute technology transforms life science research

Denis Bauer

How novel compute technology transforms life science research

Denis Bauer

start: **16:30**

end: **16:35**

Len: 0:5:0

id: 136

set page 31 of 208

Break

Break

start: **16:35**

end: **17:05**

Len: 0:30:0

id: 136

set page 32 of 208

DIY-Bio: Current trends

Meow-Ludo Meow-Meow

DIY-Bio: Current trends

Meow-Ludo Meow-M

start: **17:05** end: **17:30**

Len: 0:25:0

id: 137.

set page 33 of 208

End of Miniconf and Closing Remarks

Aaron Darling

End of Miniconf and Closing Remarks

Aaron Darling

start: 10:45

end: 10:50

Len: 0:5:0

id: 135

set page 34 of 208

Opening

Opening

start: **10:50**

end: **11:10**

Len: 0:20:0

id: 135

set page 35 of 208

Open Sourcing History: Using Historians in Games Development

Claire Manning

Open Sourcing History: Using Historians in Games Development

Claire Manning

start: **11:10**

end: **11:30**

Len: 0:20:0

id: 137

set page 36 of 208

Torres Strait Virtual Reality

Rhett Loban

Torres Strait Virtual Reality

Rhett Loban

start: **11:35** end: **11:55**

Len: 0:20:0

id: 135

set page 37 of 208

Developing a game for the Macintosh Plus in 2017

Josh Deprez

Developing a game for the Macintosh Plus in 2017

Josh Deprez

start: **11:55** end: **12:25**

Len: 0:30:0

id: 135

set page 38 of 208

Making noise on a zero budget: the joys of game audio.

Jody Toomey

Making noise on a zero budget: the joys of game audio.

Jody Toomey

start: **13:40** end: **14:10**

Len: 0:30:0

id: 135

set page 39 of 208

Changing the world through (fan-)fiction

Paul '@pjf' Fenwick

Changing the world through (fan-)fiction

Paul '@pjf' Fenwick

start: **14:10** end: **14:30**

Len: 0:20:0

id: 136

set page 40 of 208

Augmenting Reality with Open Source

Eloise Ducky

Augmenting Reality with Open Source

Eloise Ducky

start: **14:35** end: **14:55**

Len: 0:20:0

id: 136

set page 41 of 208

Come on; do you want your mods to live forever?

Leon Wright

Come on; do you want your mods to live forever?

Leon Wright

start: **15:15** end: **15:20**

Len: 0:5:0

id: 136

set page 42 of 208

Play time!

Play time!

start: **15:50** end: **16:10**

Len: 0:20:0

id: 136

set page 43 of 208

From there to here - the legacy of idtech

Ender

From there to here - the legacy of idtech

Ender

start: **16:10** end: **16:30**

Len: 0:20:0

id: 136

set page 44 of 208

Making games with Electron

Inga Pflaumer

Making games with Electron

Inga Pflaumer

start: **16:35** end: **17:10**

Len: 0:35:0

id: 136

set page 45 of 208

Building Indie Games through Open Source

Jon Manning

Building Indie Games through Open Source

Jon Manning

Veyepar: TalkSigns.rfxml

start: **17:10** end: **17:30**

Len: 0:20:0

id: 137.

set page 46 of 208

Lightning Talks and Closing

Eloise Ducky, Tim Nugent

Lightning Talks and Closing

Eloise Ducky, Tim Nugent

start: **10:45** end: **12:25**

Len: 0:100:0

id: 135

set page 47 of 208

LoliBot Assembly Workshop (registration required to participate, spectators also welcome)

LoliBot Assembly Workshop (registration required to participate, spectators als

start: **13:40** end: **14:05**

Len: 0:25:0

id: 135

set page 48 of 208

Design of the LoliBot hardware

John Spencer

Design of the LoliBot hardware

John Spencer

start: **14:05** end: **14:30**

Len: 0:25:0

id: 136

set page 49 of 208

Micropython on the LoliBot

Andy Gelme

Micropython on the LoliBot

Andy Gelme

start: **14:30** end: **14:55**

Len: 0:25:0

id: 136

set page 50 of 208

Clockwork Control of your 2 Wheel Robot

Mike O'Connor

Clockwork Control of your 2 Wheel Robot

Mike O'Connor

start: **14:55** end: **15:20**

Len: 0:25:0

id: 136

set page 51 of 208

The Hackerspace Adelaide robot

Robyn Willison

The Hackerspace Adelaide robot

Robyn Willison

start: **15:45** end: **16:10**

Len: 0:25:0

id: 136

set page 52 of 208

Getting conned into writing IoTuz/ESP32 drivers and example code

Marc MERLIN

Getting conned into writing IoTuz/ESP32 drivers and example code

Marc MERLIN

start: **16:10** end: **16:35**

Len: 0:25:0

id: 136

set page 53 of 208

Muon detector hardware for displaying the presence of cosmic rays

Paul Schulz

Muon detector hardware for displaying the presence of cosmic rays

Paul Schulz

start: **16:35** end: **17:00**

Len: 0:25:0

id: 136

set page 54 of 208

Emulating 1wire and creating new devices and drivers

Alastair D'Silva

Emulating 1wire and creating new devices and drivers

Alastair D'Silva

Veyepar: TalkSigns.rfxml

start: **17:00** end: **17:30**

Len: 0:30:0

id: 137

set page 55 of 208

Open Hardware Lightning Talks

Jonathan Oxer

Open Hardware Lightning Talks

Jonathan Oxer

start: 09:00

end: 09:10

Len: 0:10:0

id: 137

set page 56 of 208

Tuesday Welcome

Bruce Crawley

Tuesday Welcome

Bruce Crawley

start: **09:10** end: **10:10**

Len: 0:60:0

id: 135

set page 57 of 208

Keynote: Open Source Pharma

Matthew Todd

Keynote: Open Source Pharma

Matthew Todd

start: 10:45

end: 10:50

Len: 0:5:0

id: 135

set page 58 of 208

Welcome

Welcome

start: **10:50** end: **11:15**

Len: 0:25:0

id: 135

set page 59 of 208

Day 2 Operations with Containers: Myth vs. Reality

Elizabeth K. Joseph

Day 2 Operations with Containers: Myth vs. Reality

Elizabeth K. Joseph

start: **11:15** end: **11:30**

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id: 135

set page 60 of 208

Designing scalable production Kubernetes clusters on AWS

Nick Young

Designing scalable production Kubernetes clusters on AWS

Nick Young

start: **11:35** end: **11:50**

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id: 135

set page 61 of 208

Becoming the Admiral: mastering Docker orchestration

Alistair Chapman

Becoming the Admiral: mastering Docker orchestration

Alistair Chapman

start: 11:50

end: 12:10

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id: 135

set page 62 of 208

Migrating to the cloud

Devdas Bhagat

Migrating to the cloud

Devdas Bhagat

start: 12:10

end: 12:25

Len: 0:15:0

id: 135

set page 63 of 208

Puppet in the cloud

Jethro Carr

Puppet in the cloud

Jethro Carr

start: **13:40** end: **14:05**

Len: 0:25:0

id: 135

set page 64 of 208

User Session Recording for the Enterprise

Fraser Tweedale

User Session Recording for the Enterprise

Fraser Tweedale

start: **14:05** end: **14:30**

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id: 136

set page 65 of 208

Monitoring All the Things! on your Linux system with the Elastic Stack

Josh Rich

Monitoring All the Things! on your Linux system with the Elastic Stack

Josh Rich

start: **14:35** end: **14:50**

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id: 136

set page 66 of 208

Icinga 2 in a 24/7 Television Broadcast Environment

Dave Kempe

Icinga 2 in a 24/7 Television Broadcast Environment

Dave Kempe

start: 14:50

end: 15:05

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id: 136

set page 67 of 208

Principles Of Good Monitoring

Troy Lea

Principles Of Good Monitoring

Troy Lea

start: **15:05** end: **15:20**

Len: 0:15:0

id: 136

set page 68 of 208

Quick Introduction to OpenNMS

Tarus Balog

Quick Introduction to OpenNMS

Tarus Balog

start: **15:50** end: **16:00**

Len: 0:10:0

id: 136

set page 69 of 208

Next Generation Config Mgmt: Sysadmins

James Shubin

Next Generation Config Mgmt: Sysadmins

James Shubin

start: **16:00**

end: **16:15**

Len: 0:15:0

id: 136

set page 70 of 208

MQTT as a Unified Message Bus for Infrastructure Services

Matthew Treinish

MQTT as a Unified Message Bus for Infrastructure Services

Matthew Treinish

start: **16:15** end: **16:30**

Len: 0:15:0

id: 136

set page 71 of 208

Revisiting Sysadmin and Wordpress - Scripting/automating

Liz Quilty

Revisiting Sysadmin and Wordpress - Scripting/automating

Liz Quilty

start: **16:35** end: **16:50**

Len: 0:15:0

id: 136

set page 72 of 208

Cost-Effective Virtual Petabyte Storage Pools

Thomas Schoebel-Theuer

Cost-Effective Virtual Petabyte Storage Pools

Thomas Schoebel-Theue

start: **16:50** end: **17:00**

Len: 0:10:0

id: 137

set page 73 of 208

Fixing tridge's mistakes: Taking Samba AD to scale

Andrew Bartlett

Fixing tridge's mistakes: Taking Samba AD to scale

Andrew Bartlett

start: **17:00** end: **17:15**

Len: 0:15:0

id: 137

set page 74 of 208

The New Old Thing: Dynamic Service Discovery with DNS

Matt Palmer

The New Old Thing: Dynamic Service Discovery with DNS

Matt Palmer

start: **17:15** end: **17:30**

Len: 0:15:0

id: 137

set page 75 of 208

Funny FOSS war stories from the pages of The Register

Simon Sharwood

Funny FOSS war stories from the pages of The Register

Simon Sharwood

start: 10:45

end: 11:30

Len: 0:45:0

id: 135

set page 76 of 208

The Future of Art

J Rosenbaum

The Future of Art

J Rosenbaum

start: **11:35** end: **12:00**

Len: 0:25:0

id: 135

set page 77 of 208

If I were a pixel, what would I do?

Harley Mellifont

If I were a pixel, what would I do?

Harley Mellifont

start: 12:00

end: 12:25

Len: 0:25:0

id: 135

set page 78 of 208

On Writing Machines

Mark Rickerby

On Writing Machines

Mark Rickerby

start: **13:40**

end: **14:30**

Len: 0:50:0

id: 136

set page 79 of 208

Building Detailed Fractal Sets for “Guardians of the Galaxy Vol. 2”

Miles Green

Building Detailed Fractal Sets for “Guardians of the Galaxy Vol. 2”

Miles Green

start: 14:35

end: 15:20

Len: 0:45:0

id: 136

set page 80 of 208

The Knitting Printer

Sarah Spencer

The Knitting Printer

Sarah Spencer

start: **15:50** end: **16:15** Len: 0:25:0 id: 136

set page 81 of 208

Sketching in hardware - examples of getting from concept to installation in the Internet of Things

Christopher Biggs

Sketching in hardware - examples of getting from concept to installation in the

Christopher Biggs

start: **16:15** end: **16:40**

Len: 0:25:0

id: 136

set page 82 of 208

Lost artist in the world of technology

Karynne Ledger

Lost artist in the world of technology

Karynne Ledger

start: **16:40**

end: **17:05**

Len: 0:25:0

id: 137

set page 83 of 208

From Blink to Throb - an exploration of hobbyist lighting projects

Peter Hardy

From Blink to Throb - an exploration of hobbyist lighting projects

Peter Hardy

start: **17:05** end: **17:15**

Len: 0:10:0

id: 137

set page 84 of 208

The best talk ever1!!!! Hyperbolic Hyperbole

Rachel Bunder

The best talk ever1!!!! Hyperbolic Hyperbole

Rachel Bunder

start: **17:15** end: **17:25**

Len: 0:10:0

id: 137.

set page 85 of 208

Assembling a balsa-wood Raspberry Pi case

Josh Deprez

Assembling a balsa-wood Raspberry Pi case

Josh Deprez

start: 17:25

end: 17:35

Len: 0:10:0

id: 137

set page 86 of 208

A right stitchup

Katie McLaughlin

A right stitchup

Katie McLaughlin

start: 10:45

end: 10:50

Len: 0:5:0

id: 135

set page 87 of 208

Miniconf Welcome

Arjen Lentz

Miniconf Welcome

Arjen Lentz

start: **10:50** end: **11:35**

Len: 0:45:0

id: 135

set page 88 of 208

Keynote: Immersive Visualisation at the Monash Cave

Roland Gesthuizen

Keynote: Immersive Visualisation at the Monash Cave

Roland Gesthuizen

start: **11:40** end: **12:25**

Len: 0:45:0

id: 135

set page 89 of 208

Learn by Contributing to Open Source

Joshua Simmons

Learn by Contributing to Open Source

Joshua Simmons

start: **13:40**

end: **14:30**

Len: 0:50:0

id: 136

set page 90 of 208

The State of Local and Online Tech Use in Australian Schools

Arjen Lentz

The State of Local and Online Tech Use in Australian Schools

Arjen Lentz

start: **14:35** end: **15:20**

Len: 0:45:0

id: 136

set page 91 of 208

Closing the Skills Gap for Distributed Technology

Florian Haas

Closing the Skills Gap for Distributed Technology

Florian Haas

start: **15:50** end: **16:30**

Len: 0:40:0

id: 136

set page 92 of 208

Engaging Students and Improving Outcomes Without Tech

Arjen Lentz

Engaging Students and Improving Outcomes Without Tech

Arjen Lentz

start: **16:35**

end: **16:55**

Len: 0:20:0

id: 1371

set page 93 of 208

Discussion

Arjen Lentz

Discussion

Arjen Lentz

start: **17:00**

end: **17:25**

Len: 0:25:0

id: 137

set page 94 of 208

Lightning Talks

Arjen Lentz

Lightning Talks

Arjen Lentz

start: **17:25**

end: **17:30**

Len: 0:5:0

id: 137.

set page 95 of 208

Miniconf Closing

Arjen Lentz

Miniconf Closing

Arjen Lentz

start: 10:45

end: 10:55

Len: 0:10:0

id: 135

set page 96 of 208

Miniconf Welcome

Miniconf Welcome

start: **10:55** end: **11:25**

Len: 0:30:0

id: 135

set page 97 of 208

ReasonReact - Functional Programming for React Developers

Keira Hodgkison

ReasonReact - Functional Programming for React Developers

Keira Hodgkison

start: **11:35** end: **12:25**

Len: 0:50:0

id: 135

set page 98 of 208

Functional Programming in Aviation

Tony Morris

Functional Programming in Aviation

Tony Morris

start: 13:40

end: 14:25

Len: 0:45:0

id: 136

set page 99 of 208

How to Tame a Data Format

George Wilson

How to Tame a Data Format

George Wilson

start: **14:35** end: **15:20**

Len: 0:45:0

id: 136

set page 100 of 208

Functional DevOps in a Dysfunctional World

Vaibhav Sagar

Functional DevOps in a Dysfunctional World

Vaibhav Sagar

start: **15:50** end: **16:20**

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id: 136

set page 101 of 208

Jumanji: A beginner's FP journey - How I learnt to code functionally through programming games

Meera Vasudevan

Jumanji: A beginner's FP journey - How I learnt to code functionally through pr

Meera Vasudevai

start: **16:25** end: **16:55**

Len: 0:30:0

id: 136

set page 102 of 208

Cargo Culting Lenses for Fun & Profit

Sean Chalmers

Cargo Culting Lenses for Fun & Profit

Sean Chalmers

start: **17:00** end: **17:30**

Len: 0:30:0

id: 137

set page 103 of 208

How Expert360 addressed its scaling problems with 30 year old telco technology

Dan Draper

How Expert360 addressed its scaling problems with 30 year old telco technology

Dan Draper

start: **10:45** end: **17:30**

Len: 0:405:0

id: 135

set page 104 of 208

Create hardware with FPGAs, Linux and Python (Project Miniconf)

TimVideos.us HDMI2USB.tv Project and Enjoy Digital, Jim Mussared

Create hardware with FPGAs, Linux and Python (Project Miniconf)

TimVideos.us HDMI2USB.tv Project and Enjoy Digital, Jim Mussared

start: 10:45

end: 10:55

Len: 0:10:0

id: 135

set page 105 of 208

Miniconf Opening

Fiona Tweedie

Miniconf Opening

Fiona Tweedie

start: **10:55** end: **11:30**

Len: 0:35:0

id: 135

set page 106 of 208

From Software Carpentry to Library Carpentry

Clinton Roy

From Software Carpentry to Library Carpentry

Clinton Roy

start: **11:30** end: **12:25**

Len: 0:55:0

id: 135

set page 107 of 208

Wearing access: a story about open collections, a sewing machine and the nation's secrets.

Bonnie Wildie

Wearing access: a story about open collections, a sewing machine and the nat

Bonnie Wildie

start: 13:40

end: 14:20

Len: 0:40:0

id: 136

set page 108 of 208

Who else is using it? Moving to open source in local government

Hugh Rundle

Who else is using it? Moving to open source in local government

Hugh Rundle

start: **14:20** end: **15:00**

Len: 0:40:0

id: 136

set page 109 of 208

Open Codes: A new approach to knowledge

Eloise Ducky

Open Codes: A new approach to knowledge

Eloise Ducky

start: **15:00**

end: **15:20**

Len: 0:20:0

id: 136

set page 110 of 208

GLAM Project Workshop

Fiona Tweedie

GLAM Project Worksho

Fiona Tweedie

start: **15:50** end: **16:30**

Len: 0:40:0

id: 136

set page 111 of 208

Digitise the Dawn - 5 years on

Donna Benjamin

Digitise the Dawn - 5 years on

Donna Benjamin

start: **16:30** end: **17:10**

Len: 0:40:0

id: 136

set page 112 of 208

From Software Carpentry to Library Carpentry

Clinton Roy

From Software Carpentry to Library Carpentry

Clinton Roy

start: **16:30** end: **17:30**

Len: 0:60:0

id: 137

set page 113 of 208

Lightning Talks and Miniconf Closing

Fiona Tweedie

Lightning Talks and Miniconf Closing

Fiona Tweedie

start: 09:00

end: 09:10

Len: 0:10:0

id: 137

set page 114 of 208

Wednesday Welcome

Bruce Crawley

Wednesday Welcome

Bruce Crawley

start: **09:10** end: **10:10**

Len: 0:60:0

id: 135

set page 115 of 208

Keynote: Six Years Later, or Hey, did you ever get the source code to that thing?

Karen Sandler

Keynote: Six Years Later, or Hey, did you ever get the source code to that thing?

Karen Sandler

start: **10:45** end: **11:30**

Len: 0:45:0

id: 135

set page 116 of 208

History rhyming in the kernel community and beyond

Jonathan Corbet

History rhyming in the kernel community and beyond

Jonathan Corbet

start: **11:40** end: **12:25**

Len: 0:45:0

id: 135

set page 117 of 208

More crazy flying machines - CanberraUAV and ArduPilot

Andrew Tridgell

More crazy flying machines - CanberraUAV and ArduPilot

Andrew Tridgell

start: **13:40** end: **14:25**

Len: 0:45:0

id: 136

set page 118 of 208

What does the buyout of @arduino mean for #openhardware?

Kathy Giori

What does the buyout of @arduino mean for #openhardware?

Kathy Giori

start: **14:35** end: **15:20**

Len: 0:45:0

id: 136

set page 119 of 208

Should you rewrite in Rust?

E. Dunham

Should you rewrite in Rust?

E. Dunham

start: **15:50** end: **16:35**

Len: 0:45:0

id: 136

set page 120 of 208

Securing the Linux boot process

Matthew Garrett

Securing the Linux boot process

Matthew Garrett

start: **16:45** end: **17:30**

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id: 137

set page 121 of 208

Future Technological Directions in Bitcoin

Rusty Russell

Future Technological Directions in Bitcoin

Rusty Russell

start: **10:45** end: **11:30**

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id: 135

set page 122 of 208

Creating a Linux Powered Robot

Simon Lees

Creating a Linux Powered Robot

Simon Lees

start: **11:40** end: **12:25**

Len: 0:45:0

id: 135

set page 123 of 208

(re)implementing (Google) maglev in Rust

Robert Collins

(re)implementing (Google) maglev in Rust

Robert Collins

start: 13:40

end: 14:25

Len: 0:45:0

id: 136

set page 124 of 208

Make a bigger pie: Updating the partition count in a consistent hash ring

John Dickinson

Make a bigger pie: Updating the partition count in a consistent hash ring

John Dickinson

start: **14:35** end: **15:20**

Len: 0:45:0

id: 136

set page 125 of 208

Open Source in the FIRST Robotics Competition

David Vo

Open Source in the FIRST Robotics Competition

David Vo

start: **15:50** end: **16:35**

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id: 136

set page 126 of 208

Can your diff(1) do this?! Improving software review & QA with diffoscope

Chris Lamb

Can your diff(1) do this?! Improving software review & QA with diffoscope

Chris Lamb

start: **16:45** end: **17:30**

Len: 0:45:0

id: 137

set page 127 of 208

Challenges and discoveries bringing open source software to the PowerPC64LE world.

Leonardo Bianconi

Challenges and discoveries bringing open source software to the PowerPC64L

Leonardo Bianconi

start: **10:45** end: **11:30**

Len: 0:45:0

id: 135

set page 128 of 208

Linux, Cosmic Rays and Art Installations

Paul Schulz

Linux, Cosmic Rays and Art Installations

Paul Schulz

start: 11:40

end: 12:25

Len: 0:45:0

id: 135

set page 129 of 208

Lessons from three years of volunteering to teach students code

David Tulloh

Lessons from three years of volunteering to teach students code

David Tulloh

start: **13:40**

end: **14:25**

Len: 0:45:0

id: 136

set page 130 of 208

Dealing with Contributor Overload

Holden Karau

Dealing with Contributor Overload

Holden Karau

start: **14:35** end: **15:20**

Len: 0:45:0

id: 136

set page 131 of 208

What happens when you quit your day job to work on OSS

Andrew Cooks

What happens when you quit your day job to work on OSS

Andrew Cooks

start: **15:50**end: **16:35**

Len: 0:45:0

id: 136

set page 132 of 208

Creating open data about Australia's local councillors: Our Outreachy Internship 2017

Hisayo Horie, Luke Bacon

Creating open data about Australia's local councillors: Our Outreachy Internshi

Hisayo Horie, Luke Bacon

start: **16:45** end: **17:30**

Len: 0:45:0

id: 137

set page 133 of 208

Open data for political and financial transparency

Rosie Williams

Open data for political and financial transparency

Rosie Williams

start: 10:45

end: 11:30

Len: 0:45:0

id: 135

set page 134 of 208

Everyone gets a pony!

Kristoffer Grönlund

Everyone gets a pony!

Kristoffer Grönlund

start: **11:40** end: **12:25**

Len: 0:45:0

id: 135

set page 135 of 208

Is the 370 the worst bus route in Sydney?

Katie Bell

Is the 370 the worst bus route in Sydney?

Katie Bell

start: **13:40** end: **14:25**

Len: 0:45:0

id: 136

set page 136 of 208

XFS: Teaching an Old Dog Old Tricks

Dave Chinner

XFS: Teaching an Old Dog Old Tricks

Dave Chinner

start: 14:35

end: 15:20

Len: 0:45:0

id: 136

set page 137 of 208

A Brief History of I/O

Benno Rice

A Brief History of I/O

Benno Rice

start: **15:50**

end: **16:35**

Len: 0:45:0

id: 136

set page 138 of 208

Freedom Embedded: Devices that Respect Users and Communities

John Sullivan

Freedom Embedded: Devices that Respect Users and Communities

John Sullivan

start: **16:45** end: **17:30**

Len: 0:45:0

id: 1371

set page 139 of 208

Taking license compatibility semi-seriously

Richard Fontana

Taking license compatibility semi-seriously

Richard Fontana

start: **10:45** end: **12:25**

Len: 0:100:0

id: 135

set page 140 of 208

Getting Started with MicroPython

Nick Moore

Getting Started with MicroPython

Nick Moore

start: **13:40** end: **15:20**

Len: 0:100:0

id: 136

set page 141 of 208

Practical hands-on accessibility testing

Nicolas Steenhout

Practical hands-on accessibility testing

Nicolas Steenhout

start: **15:50** end: **17:30**

Len: 0:100:0

id: 136

set page 142 of 208

Using GStreamer

Jan Schmidt

Using GStreamer

Jan Schmidt

start: 10:12 end: 10:17

Len: 00:5:00

id: 137

set page 143 of 208

I'm a cat

I'm a cat

start: **10:45** end: **11:30**

Len: 0:45:0

id: 135

set page 144 of 208

How to run Kubernetes on your spare hardware at home, and save the world

Angus Lees

How to run Kubernetes on your spare hardware at home, and save the world

Angus Lees

start: **11:40** end: **12:25**

Len: 0:45:0

id: 135

set page 145 of 208

The Twisting, Turning, Narrow Road That Is Security

Casey Schaufler

The Twisting, Turning, Narrow Road That Is Security

Casey Schaufler

start: 13:40

end: 14:25

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id: 136

set page 146 of 208

FOSS is Child's Play

Nicky Ringland, Amanda Hogan, Bruce Fuda

FOSS is Child's Play

Nicky Ringland, Amanda Hogan, Bruce Fuda

start: **14:35** end: **15:20**

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id: 136

set page 147 of 208

The Open Sourcing of Infrastructure

Elizabeth K. Joseph

The Open Sourcing of Infrastructure

Elizabeth K. Joseph

start: **15:50** end: **16:35**

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id: 136

set page 148 of 208

Next Generation Config Mgmt: Reactive Systems

James Shubin

Next Generation Config Mgmt: Reactive Systems

James Shubin

start: **16:45** end: **17:30**

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id: 137

set page 149 of 208

Extending C++ With Python (A Brief Odyssey)

Tim Serong

Extending C++ With Python (A Brief Odyssey)

Tim Serong

start: 09:00

end: 09:10

Len: 0:10:0

id: 137

set page 150 of 208

Thursday Welcome

Bruce Crawley

Thursday Welcome

Bruce Crawley

start: **09:10** end: **10:10**

Len: 0:60:0

id: 135

set page 151 of 208

Keynote: Wandering through the Commons

Hugh Blemings

Keynote: Wandering through the Commons

Hugh Blemings

start: **10:45** end: **11:30**

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id: 137

set page 152 of 208

Panel: Meltdown, Spectre, and the free-software community

Jonathan Corbet, Andrew 'bunnie' Huang, Benno Rice, Jess Frazelle, Katie McLaughlin, Kees Cook

Panel: Meltdown, Spectre, and the free-software community

Jonathan Corbet, Andrew 'bunnie' Huang, Benno Rice, Jess Frazelle, Katie Mc

start: **11:40**

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id: 135

set page 153 of 208

Making Technology More Inclusive Through Papercraft and Sound

Andrew 'bunnie' Huang

Making Technology More Inclusive Through Papercraft and Sound

Andrew 'bunnie' Huang

start: 13:40

end: 14:25

Len: 0:45:0

id: 136

set page 154 of 208

Can RCU and CPU hotplug survive the attack of the killer virtual environments?

Paul E. McKenney

Can RCU and CPU hotplug survive the attack of the killer virtual environments?

Paul E. McKenney

start: **14:35** end: **15:20**

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id: 136

set page 155 of 208

Tap On to Reverse Engineering

Michael Farrell

Tap On to Reverse Engineering

Michael Farrell

start: **15:50** end: **16:35**

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id: 136

set page 156 of 208

Linux: the first second

Alison Chaiken

Linux: the first second

Alison Chaiken

start: **16:45** end: **17:30**

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id: 137

set page 157 of 208

Developing NVM Express

Matthew Wilcox

Developing NVM Express

Matthew Wilcox

start: **10:45** end: **11:30**

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id: 135

set page 158 of 208

The Meson Build System - 4+ years of work to become an overnight success

Jussi Pakkanen

The Meson Build System - 4+ years of work to become an overnight success

Jussi Pakkanen

start: **11:40** end: **12:25**

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id: 135

set page 159 of 208

micro-Linux init (PID1) in Golang

Sven Dowideit

micro-Linux init (PID1) in Golang

Sven Dowideit

start: 13:40

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id: 136

set page 160 of 208

Budget CNC machining

Ben Martin

Budget CNC machining

Ben Martin

start: **14:35** end: **15:20**

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id: 136

set page 161 of 208

System Suspend Support in the Linux Kernel 2007 - 2017

Rafael Wysocki

System Suspend Support in the Linux Kernel 2007 - 2017

Rafael Wysocki

start: **15:50** end: **16:35**

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id: 136

set page 162 of 208

Aussie Add-ons: Liberating Australian catch-up TV with Open Source

Andy Botting, Glenn Guy

Aussie Add-ons: Liberating Australian catch-up TV with Open Source

Andy Botting, Glenn Guy

start: **16:45** end: **17:30**

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id: 137

set page 163 of 208

Insights - solving every problem for good

Paul Wayper

Insights - solving every problem for good

Paul Wayper

start: **10:45** end: **11:30**

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id: 135

set page 164 of 208

OpenMRS stories: saving lives with open source

Cintia Del Rio

OpenMRS stories: saving lives with open source

Cintia Del Rio

start: 11:40

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id: 135

set page 165 of 208

Building a Better Thermostat

Matthew Treinish

Building a Better Thermostat

Matthew Treinish

start: **13:40** end: **14:25**

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id: 136

set page 166 of 208

F-Droid: The private, secure, free and open app store for Android

Peter Serwylo

F-Droid: The private, secure, free and open app store for Android

Peter Serwylo

start: **14:35** end: **15:20**

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id: 136

set page 167 of 208

Mirror, mirror, on the wall: testing Conway's Law in open source communities

Lindsay Holmwood

Mirror, mirror, on the wall: testing Conway's Law in open source communities

Lindsay Holmwood

start: **15:50**

end: **16:35**

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id: 136

set page 168 of 208

Burning Down the Castle

Daniel Vetter

Burning Down the Castle

Daniel Vetter

start: **16:45** end: **17:30**

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id: 137

set page 169 of 208

Sane Behaviour on Teeny Hardware

Seb Holzapfel

Sane Behaviour on Teeny Hardware

Seb Holzapfel

start: **10:45** end: **11:30**

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id: 135

set page 170 of 208

The long and winding road to 10 Gigabit + in the Home Network

Joel Wirmu Pauling

The long and winding road to 10 Gigabit + in the Home Network

Joel Wirmu Pauling

start: **11:40** end: **12:25**

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id: 135

set page 171 of 208

Robotica - Robot maid for assisting with autistic kids

Brian May

Robotica - Robot maid for assisting with autistic kids

Brian May

start: **13:40**end: **14:25**

Len: 0:45:0

id: 136

set page 172 of 208

High performance science - open and reproducible neuroscience image processing that scales?

Steffen Bollmann

High performance science - open and reproducible neuroscience image processing

Steffen Bollmann

start: **14:35** end: **15:20**

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id: 136

set page 173 of 208

Geographically distributed multi-master replication with PostgreSQL and BDR

Craig Ringer

Geographically distributed multi-master replication with PostgreSQL and BDR

Craig Ringer

start: **15:50** end: **16:35**

Len: 0:45:0

id: 136

set page 174 of 208

IPv6 and Containers: Why We Can't Have Nice Things (And How We Can)

Matt Palmer

IPv6 and Containers: Why We Can't Have Nice Things (And How We Can)

Matt Palmer

start: **16:45** end: **17:30**

Len: 0:45:0

id: 137

set page 175 of 208

Unions: The way to hack society's operating system

Robert Lechte

Unions: The way to hack society's operating system

Robert Lechte

start: **10:45** end: **12:25**

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id: 135

set page 176 of 208

Signal Analysis with Open Source Logic Analysers

Alastair D'Silva

Signal Analysis with Open Source Logic Analysers

Alastair D'Silva

start: **13:40** end: **15:20**

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id: 136

set page 177 of 208

Rust Programming Techniques

Nicholas Cameron

Rust Programming Techniques

Nicholas Cameror

start: **15:50** end: **17:30**

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id: 136

set page 178 of 208

Inkscape for absolute beginners

Donna Benjamin

Inkscape for absolute beginners

Donna Benjamin

start: **11:40** end: **12:25**

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id: 135

set page 179 of 208

What is the most common street name in Australia?

Rachel Bunder

What is the most common street name in Australia?

Rachel Bunder

start: **13:40** end: **14:25**

Len: 0:45:0

id: 136

set page 180 of 208

Personalisation at Scale: A “Cookie Cutter” Approach

Jim O'Halloran

Personalisation at Scale: A “Cookie Cutter” Approach

Jim O'Halloran

start: 14:35

end: 15:20

Len: 0:45:0

id: 136

set page 181 of 208

Typesafe CSS-in-JS

Luke John

Typesafe CSS-in-JS

Luke John

start: **15:50** end: **16:35**

Len: 0:45:0

id: 136

set page 182 of 208

Elm by Example - Make beautiful map displays with Elm and Leaflet

Christopher Biggs

Elm by Example - Make beautiful map displays with Elm and Leaflet

Christopher Biggs

start: 16:45

end: 17:30

Len: 0:45:0

id: 137

set page 183 of 208

Let's write a Debugger!

Levente Kurusa

Let's write a Debugger!

Levente Kurusa

start: 09:00

end: 09:10

Len: 0:10:0

id: 137

set page 184 of 208

Friday Welcome

Bruce Crawley

Friday Welcome

Bruce Crawley

start: **09:10** end: **10:10**

Len: 0:60:0

id: 135

set page 185 of 208

Keynote: Containers aka crazy user space fun

Jess Frazelle

Keynote: Containers aka crazy user space fun

Jess Frazelle

start: **10:45** end: **11:30**

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id: 135

set page 186 of 208

The RomCom, the App and the Wardrobe

Hannah Thompson

The RomCom, the App and the Wardrobe

Hannah Thompson

start: **11:40** end: **12:25**

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id: 135

set page 187 of 208

Driving Virtual Reality from Linux

Keith Packard

Driving Virtual Reality from Linux

Keith Packard

start: **13:40**

end: **14:25**

Len: 0:45:0

id: 136

set page 188 of 208

Broadcom's Open Source Graphics Stack

Eric Anholt

Broadcom's Open Source Graphics Stack

Eric Anholt

start: 14:35

end: 15:20

Len: 0:45:0

id: 136

set page 189 of 208

The Serial Device Bus

Johan Hovold

The Serial Device Bus

Johan Hovold

start: **15:50**

end: **16:30**

Len: 0:40:0

id: 136

set page 190 of 208

Lightning talks

Bruce Crawley

Lightning talks

Bruce Crawley

start: **16:35**

end: **17:15**

Len: 0:40:0

id: 137

set page 191 of 208

Conference Closing

Bruce Crawley

Conference Closing

Bruce Crawley

start: **10:45** end: **11:30**

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id: 135

set page 192 of 208

Device Tree: Past, Present, and Future

Neil Armstrong

Device Tree: Past, Present, and Future

Neil Armstrong

start: **11:40**

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id: 135

set page 193 of 208

nftables from a user perspective

Duncan Roe

nftables from a user perspective

Duncan Roe

start: **13:40** end: **14:25**

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id: 136

set page 194 of 208

QUIC: Replacing TCP for the Web

Jana Iyengar

QUIC: Replacing TCP for the Web

Jana Iyengar

start: **14:35** end: **15:20**

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id: 136

set page 195 of 208

Mass Production: Open-source Testing in Manufacturing

Sean Cross

Mass Production: Open-source Testing in Manufacturing

Sean Cross

start: **10:45** end: **11:30**

Len: 0:45:0

id: 135

set page 196 of 208

Let me secure that for you

Kirk Jackson

Let me secure that for you

Kirk Jackson

start: **11:40**end: **12:25**

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id: 135

set page 197 of 208

Modernising firmware testing on POWER with Python and pre-release everything

Stewart Smith

Modernising firmware testing on POWER with Python and pre-release everythi

Stewart Smith

start: **13:40**end: **14:25**

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id: 136

set page 198 of 208

Making distributed storage easy: usability in Ceph Luminous and beyond

Sage Weil

Making distributed storage easy: usability in Ceph Luminous and beyond

Sage Weil

start: **14:35** end: **15:20**

Len: 0:45:0

id: 136

set page 199 of 208

The Web Is Dead! Long Live The Web!

Sam Thorogood

The Web Is Dead! Long Live The Web!

Sam Thorogood

start: 11:40

end: 12:25

Len: 0:45:0

id: 135

set page 200 of 208

Elfen Scheduling: Fine-Grain Principled Borrowing from Latency-Critical Workloads using SMT

Xi Yang

Elfen Scheduling: Fine-Grain Principled Borrowing from Latency-Critical Workl

Xi Yang

start: 13:40

end: 14:25

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id: 136

set page 201 of 208

You Should Speak

E. Dunham

You Should Speak

E. Dunham

start: **14:35** end: **15:20**

Len: 0:45:0

id: 136

set page 202 of 208

Remote Work: My first decade working from the far end of the earth

John Dalton

Remote Work: My first decade working from the far end of the earth

John Dalton

start: **10:45** end: **12:25**

Len: 0:100:0

id: 135

set page 203 of 208

Self-Documenting Coders: Writing Workshop for Devs

Heidi Waterhouse

Self-Documenting Coders: Writing Workshop for Devs

Heidi Waterhouse

start: **13:40** end: **15:20**

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id: 136

set page 204 of 208

Please Contain Me: Practical LXC on the Desktop

Florian Haas

Please Contain Me: Practical LXC on the Desktop

Florian Haas

start: **10:45** end: **11:30**

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id: 135

set page 205 of 208

Flying autonomous aircraft: Mixed-criticality support in seL4

Gernot Heiser

Flying autonomous aircraft: Mixed-criticality support in seL4

Gernot Heiser

start: **11:40** end: **12:25**

Len: 0:45:0

id: 135

set page 206 of 208

The State of Kernel Self-Protection

Kees Cook

The State of Kernel Self-Protection

Kees Cook

start: **13:40** end: **14:25**

Len: 0:45:0

id: 136

set page 207 of 208

A division of labor in free software

Molly de Blanc

A division of labor in free software

Molly de Blanc

start: **14:35**

end: **15:20**

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id: 136

set page 208 of 208

Don't Look Back in Anger: Wildman Whitehouse and the Great Failure of 1858

Lilly Ryan

Don't Look Back in Anger: Wildman Whitehouse and the Great Failure of 1858

Lilly Ryan