

# Embedded Linux SIG

## Introduction

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# That Mailing List!

? **embedded-sig@luv.asn.au**

– Any topic related to this Embedded Linux SIG

? **How to Subscribe?**

– **Email: majordomo@luv.asn.au**

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# What's Happening Tonight?

## ? **Introduction**

- A bit of Embedded Linux News

## ? **Dallas OneWire & Advantech 5820 Board**

- Scott Penrose

## ? **Kernel Module Debugging Techniques**

- David Braendler

# And Then...

## ? **Break**

- Talk to someone you don't know!

## ? **The kdb Kernel Debugger**

- Keith Owens

## ? **Embedded Technologies**

- Rob Gallesio

# Why the Focus on Kernel Stuff?

- ? Most Embedded Applications involve Specialised Hardware eg.
  - High-speed Routers
  - PDAs
  - GPS
- ? In Linux, Hardware is handled by the **Kernel**.

# Industry News Tidbit

## ? Open Source Development Labs (OSDL)

- Announced they have started an initiative to:

- ? Raise awareness of the Linux Kernel Development Process

- Counter public misconceptions that Linux has poor Quality Control.

- In time for the release of Kernel 2.6 in January(?)

## ? OSDL are:

- Non-profit organisation started by Linus

- Partner with IBM, HP et al

- ? Dedicated to accelerating Growth and Adoption of Linux in the Enterprise

- [osdl.org](http://osdl.org)