

Project Overview

HALOS

VTC Senior Project

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Description

- **Operating System targeting the IA-32 platform.**

FOR MORE INFO...

www.oscillisoft.com/~cdeguise/seniorproject

Project Goals

- **Small/fast**
- **Non-traditional OS, bind application directly to OS.**
- **Provide a system to be used in an educational/learning environment**

Competitive Analysis

- **Competitors**
 - Microsoft
 - Linux
- **Strengths**
 - None
- **Weaknesses**
 - Money, Time, and hundreds of programmers

Technology

- **New technology being used**
 - XML (eXtensible Markup Language)
 - WBEM (Web-Based Enterprise Management)
 - SQL
- **Standards being adopted**
 - Unicode, XML
- **Standards specifically being ignored**
 - POSIX

Procedures

- **Source Control (Visual Source Safe)**
- **Smaller builds in favor of more testing early on.**
- **Design and then build**

Schedule

- **SCRUM methodology**
- **Down Weeks**
- **Sprints**

FOR MORE INFO...

www.oscillisoft.com/~cdeguise/seniorproject/schedule.htm

www.controlchaos.com

Current Status

- **High-level overview of progress against schedule**
 - **Development Environment is Ready.**
 - **Ahead of schedule in coding initial phases**
 - **Behind in documentation**
 - **Behind in actual design of OS**

Bottlenecks thus far

- Time required to get the boot process working.
- Locating information

Related Documents

- **Proposal**
 - www.oscillisoft.com/halos/proposal.htm
- **Requirements**
 - www.oscillisoft.com/halos/requirments.htm
- **Halos Developers Network**
 - www.oscillisoft.com/halos/hdn
- **Submit questions**
 - Christopher_DeGuise@hotmail.com

Demo and Q&A
