Designing and Launching an Embedded Product

Class 5: Techniques for Accelerating Time to Market

November 22, 2019 Jacob Beningo



Presented by:



Course Overview

Topics:

- The Business of Product Development
- Success through Design and Development Processes
- Scalability, Architectures and the MVP
- Achieving Quality and Reasonable Time to Market
- Techniques for Accelerating Time to Market







Session Overview

• 5 Tips to Accelerate Development



Speed is a Necessity



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CONTINUING





Tip #1 – Leverage Hardware Platforms

Microcontroller Platforms

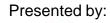






Tip #1 – Leverage Hardware Platforms





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Tip #2 – Leverage Open Source

Sensor Platforms

DesignNews



Image Source:

https://www.p9stscapes.com/opensource-e-health-sensor-platform/



Tip #3 – Leverage Cloud Platforms

Cloud Security

Image Source:

https://arstechnica.com/gadgets/201 8/04/microsofts-bid-to-secure-theinternet-of-things-custom-linuxcustom-chips-azure/

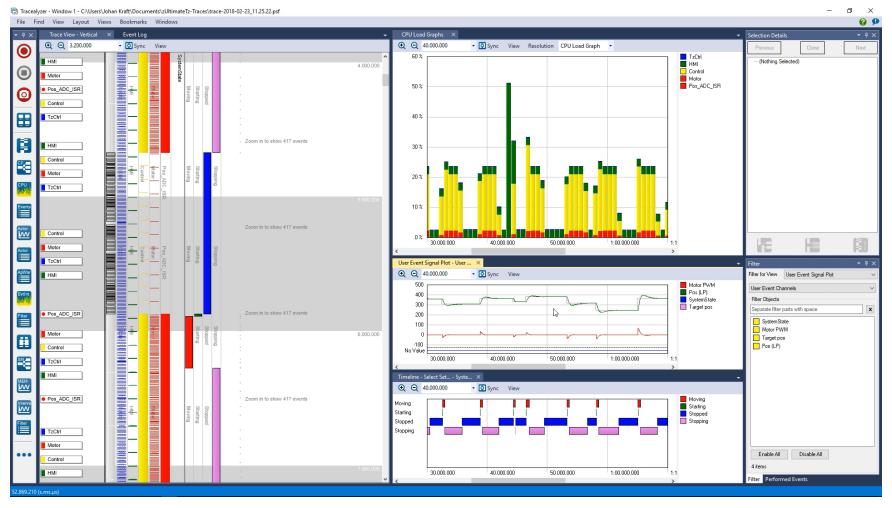


Image Source:

https://hackernoon.com/top-5amazon-web-services-or-awscourses-to-learn-online-free-andbest-of-lot-d94e192054b7



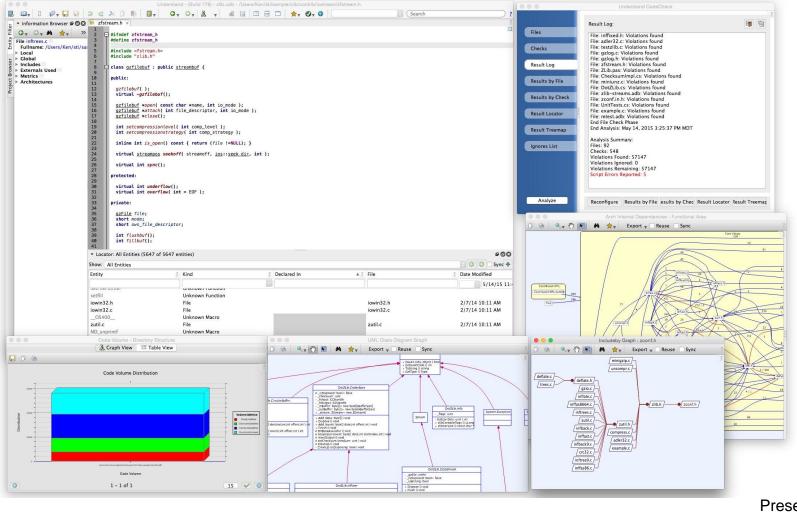
Tip #4 – Have the Right Tools



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Tip #4 – Have the Right Tools



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Image Source: C



Tip #5 – Get Outside Assistance





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Image Source: scitools.com





Bonus: Tip #6 – Machine Learning



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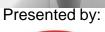














Additional Resources

- Supporting Materials
 - <u>Beningo.com</u>
 - Blog
 - Code, White Papers, Courses
- Embedded Bytes Newsletter

From www.beningo.com under

– <u>http://bit.ly/1BAHYXm</u>

- STUDY STUDY
- Blog > CEC Designing and Launching an Embedded
 Product



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