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CODEMMANDOS

Empowering Agile/DevSecOps Citizen Developers with No-code & Scripting



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Motivation

Loathe Coding is a software development mentality to "get rid of a problem"...

a person loathes a problem SO MUCH

they learn to code, go out of their way to figure out, or seek out new methods which solve their issue

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Motivation

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Vision

Empower unit and staff assigned Airmen to solve their own problems through software development

Execution

It's NOT a Software Factory...

It is a Software Auto-Hobby Shop

Create citizen developers & a cadre of unit-level SMEs to:

- Develop fast and approved software (e.g., no-code apps + scripts)
- Using low-cost tools
- Solve unit-level problems



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Lessons Learned

Good

- Competency Based Learning -- AFH 36-2647 "Competency Modeling"
- Adaptive Acquisition Framework/Software Development Process
- DevSecOps -- "Plan-Develop-Build-Test" + Teach-One, Show-One, Do-One

Bad

- Manning/Support (Long term-to-Daily)
 - Make POC's singularly focused, OR have regular "hide in a room" days
- "Multiple Levels/Targets" divides attention, dilutes total work
 - Work a single task/effort, then go to a new effort

Ugly

- Course Execution (it was good in person)
 - Record sessions + Make it self-study
- Tools selected (Joget and HTML Applications <HTA's>) are niche

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The effort was a 1-

year approved

Innovation Effort

hosted by AFSOC



Future / Questions

Future

- Codemmandos is on indefinite pause
- Need to identify long-term supported platforms/approaches
- Formal Requirement to ID/ask for support
- Note: Send email for links for training resources / MS Teams / app site brandon.froberg.1@us.af.mil

QUESTIONS?