SDL EMULATOR

SDL HACKATHON
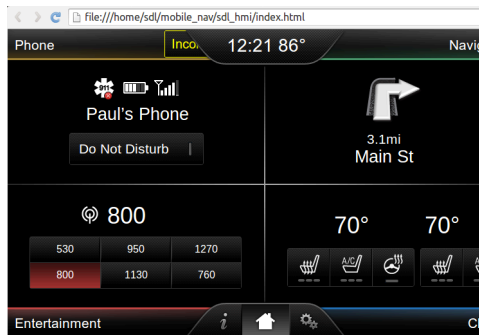MWC AMERICAS 2017

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AGENDA

- Refresher on connection

- Overview on Emulators

- Using the SYNC3 Emulator
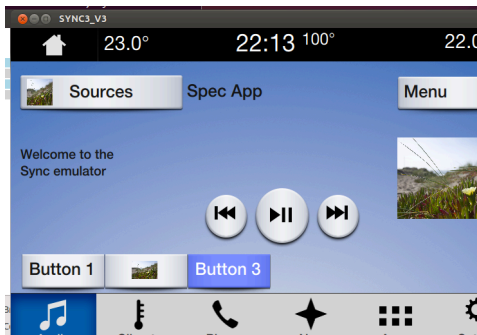
- Demo Time!

Go Further

EMULATOR OVERVIEW

sdl_core + sdl_hmi	Ford SYNC3	SDL Manticore

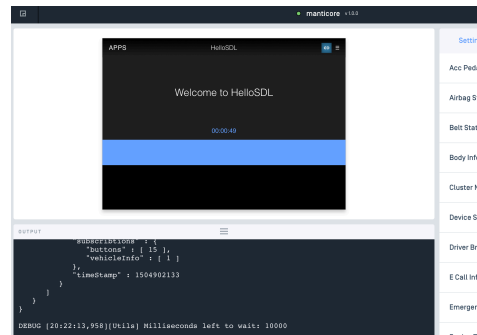- Uses sdl_core
- html5 HMI
- github.com/smartdevicelink
- No Vehicle Data Simulation
- Ubuntu Required (VM)

- Uses sdl_core
- QT HMI
- Vehicle Data Simulation
- Ubuntu Required (VM)
- developer.ford.com

- Uses sdl_core
- QT HMI
- Online Only
- Smartdevicelink.com

ALL NEW

Ford — Go Further

SDL Core + SYNC3 HMI EMULATOR

- Installation
    - Install VirtualBox
    - Download Ubuntu 16.04.02 LTS
    - Create Ubuntu Virtual Machine
    - Forward port 12345 from host to VM
    - Setup FolderSharing
    - Copy install file to VM
    - Run setup.sh (SU required)
    - Run Sync3.sh
    - Done!

- OR
    - Use the VirtualBox Diskimage we provide
    - Start the DiskImage
    - Run Sync3.sh
    - Done!

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DEMO

DEMO TIME!

SDL EMULATORS

KEY INFO

- Prepare VirtualBox
    - Install VirtualBox 5.1.26
    - Install VirtualBox 5.1.26 Extension Pack
- Import Appliance
    - Select the SYNC3_*.ova file
    - Start the Virtual Machine
- Notes
    - The Virtual Machine is setup with 4GB of memory, change if needed

- User
    - Username: s3emu
    - Password: s3emu
- Starting the emulator
    - Location: ~/Desktop/Sync3_Emulator
    - Double click on sync3.sh
        - Choose "Run in Terminal"

Ford
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MANITCORE

- Online Service
- Start Instance and connect to the IP address + port shown
- Hosted by the SDLC
- Free to use
- No installation necessary

manticore

Connect a Device

Enter the following information
into your device to continue.

URL	m.sdl.tools
Port Number	5886

Ford

Go Further

DEMO

SDL EMULATORS