



OpenSatKit Research & Development Quick Start

V3.0

May 2021



Introduction



- The Research & Development target (cFS sandbox target) contains the following types OSK apps
 - Technology apps that don't belong in other OSK targets but may be of value to the cFS community
 - Prototype apps that are in various states of maturity
- Users can use this target for exploratory efforts without disturbing other OSK targets



OSK Main Screen

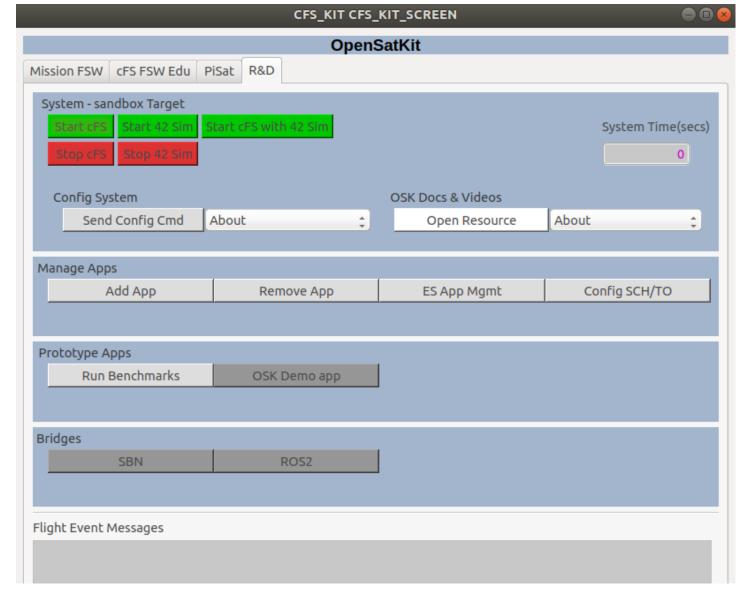


Same as Mission
FSW System Sections

Dynamically
Manage Apps

Technology
Apps with
OSK interfaces

Potential OSK Extensions



OSK - Making Space for Apps

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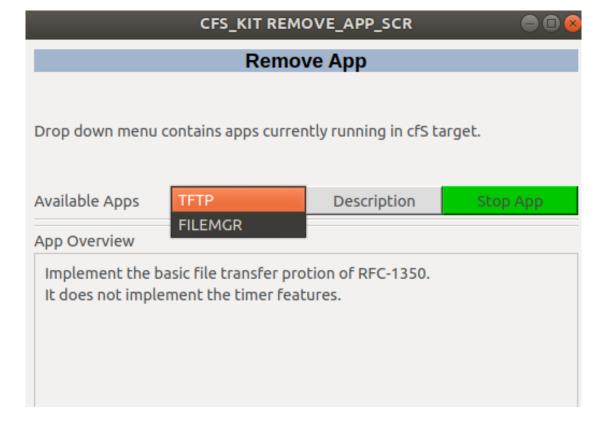
Dynamically Manage Apps



Drop down app list created when screen launched

- Add app list created by analyzing which apps compiled during sandbox build and which apps are currently running
- Remove app list created from currently running apps

	CFS_KIT ADI	D_APP_SCR	
Add App from Compiled Prototypes			
This is a prototype. (ntains apps in the app Options will be added to Purces for available app F42 I42 BM	0	OSK
Available Apps	MQTT	Description	Load App
App Overview	OSK_C_PROTO OSK_CPP_PROTO		
MQTT is a prototype app for providing a bridge between an MQTT broker and the Software Bus. This app is based on Alan Cudmore's MQTT app at https://github.com/alanc98/mqtt_app			



OSK - Making Space for Apps

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