Radio Programming with CHIRP

RMHAM University
Tech Talks

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Your Host

What is CHIRP?

CHIRP

"CHIRP is a **free, open-source** tool for **programming** your amateur radio. It supports a **large number of manufacturers and models**, as well as provides a way to interface with **multiple data sources and formats**."

https://chirp.danplanet.com/projects/chirp/wiki/Home

Capabilities

What can it program?

- Dozens of manufacturers, hundreds of radios

What doesn't it do?

- DMR, D-Star, C4FM
- Motorola

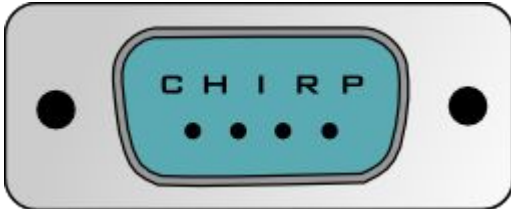# vs RT Systems?

RESPECT

rt SYSTEMS
RADIO PROGRAMMING MADE EASY

vs RT Systems?

CHIRP

rt SYSTEMS
RADIO PROGRAMMING MADE EASY

Building a Generic Codeplug

Generic Codeplug Methods

- Manual entry
- Online databases
  - RadioReference
  - RepeaterBook
  - RFinder
- CSV (next slide)

Power User: Spreadsheet to CSV

- No import wizard like RT Systems
- Not too hard to transform our own CSV to fit CHIRP's "shape"
- Docs at https://chirp.danplanet.com/projects/chirp/wiki/CSV_HowTo

Transferring to Radios

Baofeng UV-5R

- Clone mode
- Only 127 channels, so might have to cut/paste some things around

Kenwood TH-D72

- Live mode

Yaesu FT3D

- CHIRP doesn't support SD card
- What happens to C4FM channels?

Contact Me

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