Debian Hamradio Blend

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Debian Hamradio Maintainers

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A collection of tasks (metapackages)
Pure Blends

- Packaging Community
- Documentation
  - hamradio-maintguide
  - hamradio-handbook
- Live Image and Installer
  - #758116 is now closed!
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Tasks/Metapackages

- hamradio-antenna
- hamradio-datamodes
- hamradio-digitalvoice
- hamradio-logging
- hamradio-maintguide
- hamradio-morse
- hamradio-nonamateur
- hamradio-packetmodes
- hamradio-rigcontrol
- hamradio-satellite
- hamradio-sdr
- hamradio-tasks
- hamradio-tools
- hamradio-training
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Use Cases

- Out-of-the-box Shack PC
- Embedded System
- Easy path into hamradio for existing Debian users
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Portable Packet and Satellite Station by Hibby MM3ZRZ
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gpredict
- Requirement for identification by callsign
- Use AX.25 at link-layer
- Full AX.25 implementation in the Linux kernel
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Software Modems

- **direwolf** - Decoded Information from Radio Emissions for Windows Or Linux Fans
- **soundmodem** - Multiplatform Soundcard Packet Radio Modem

Creates an axN interface, that can be used for sending raw AX.25 frames or given an IPv4 address.
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Xastir
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IPv4 Allocation for Hamradio

- 44.0.0.0/8 is allocated for hamradio
- 44.131.10.0/24 is allocated for Debian Hamradio
- Services hosted for fun at hamradio.debian.net
  - Networking services provided by BitFolk
- May appear at events in the future
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Website

The **Debian Hamradio Pure Blend** is a project of the [Debian Hamradio Maintainers Team](https://wiki.debian.org/Debian_Hamradio_Maintainers_TEAM) who collaborate on maintenance of amateur-radio related packages for Debian. Every **Pure Blend** is a subset of Debian that is configured to support a particular target group out-of-the-box. This blend aims to support the needs of radio amateurs.

**Getting Started**

- If you've already got Debian installed, check out the [list of metapackages](https://wiki.debian.org/Hamradio_Pure_Blend#_metapackages) to discover amateur radio software you can install.
- If you're new to Debian, you can try out a [live image](https://wiki.debian.org/Hamradio_Pure_Blend#_live) which will allow you to experience the Debian Hamradio blend without making changes to your system. It also includes an installer so you can install it to your system if you like what you find.
- To get help in using amateur radio software in Debian, you can use one of our [support channels](https://wiki.debian.org/Hamradio_Pure_Blend#_support_channels).
https://www.debian.org/blends/hamradio/
@DebianHamradio
debian-hams@lists.debian.org