BGP Tool Hints

Here are some docs about how to build the various BGP tools out there.

Building BGPDUMP

BGPDUMP is a tool and set of libraries maintained by the RIPE NCC which reads MRT (Multi-Threaded Routing Toolkit) files and outputs them in human readable format (ie ASCII).

First off, we clone the git repo locally. Go to the place where you normally do your development work (for example, **/usr/local/src**), and:

```
git clone https://github.com/RIPE-NCC/bgpdump.git
```

Next make sure we have the libraries and packages we need installed:

```
sudo apt install libz-dev libbz2-dev autoheader
```

and then go into the **bgpdump** folder and build the **Makefile**:

```
cd bgpdump
./bootstrap.sh
```

Once this is done we can then build **bgpdump**:

```
make
```

and then install it:

```
sudo make install
```

which will put **bgpdump** into **/usr/local/bin**.

You can now take your MRT files, eg as produce by RouteViews and convert them into plain text for further analysis.

Building a Looking Glass

These instructions cover how to put together the Cougar Looking Glass code. Why choose this one? Well, it's there, it seems to work fine, and installs nicely on Ubuntu 22.04.

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