Route_BtoA also supports the generation of machine-readable output. This mode generates output that is easily parsed by awk or Perl scripts for statistics calculations. Note that "**-m**" mode does not preserve information about packet boundaries. The format for each line of the machine-readable output for BGP4 and BGP4+ packets is:

Protocol | Time | Type | PeerIP | PeerAS | Prefix | <update dependant information>

Where **protocol** is BGP, or BGP4. The **time** is number of seconds since epoch when the packet was recorded. The **type** is A for announcement, or W for withdrawal. **PeerIP** and **PeerAS** are the IP address and AS number of the BGP peer from which we received the update. **Prefix** is the route prefix described in the update.

For BGP announcements, update-dependant information contains:

ASPATH | Origin | NextHop | Local_Pref | MED | Community

Where **ASPATH** is the autonomous system path of the update. **Origin** is IGP, EGP, or Unknown. And **local_pref**, **MED** and **Community** are as the names imply. Below is an example of route_btoa machine output of MRTd-collected BGP packets:

```
BGP|884831400|A|4.0.0.10|1|140.249.0.0/16|1|IGP|192.41.177.2|0|1546
BGP|884831401|A|144.228.107.1|1239|205.113.0.0/16|1239 6453
     5769|IGP|192.41.177.241|0|91
BGP|884831402|W|204.70.7.53|3561|198.163.111.0/24
BGP|884831402|W|204.70.7.53|3561|199.212.219.0/24
BGP|884831402|W|204.70.7.53|3561|199.235.123.0/24
BGP|884831402|W|204.70.7.53|3561|204.112.101.0/24
BGP|884831402|W|204.70.7.53|3561|204.112.232.0/24
BGP|884831402|W|204.70.7.53|3561|205.189.8.0/24
BGP|884831402|W|204.70.7.53|3561|205.211.8.0/24
```
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