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# 00-broadcast

=========

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This lab took me about 2 hours to do.

### Implementation Explanation:

broadcast实现如下,利用相关已提供接口实现广播

```
void broadcast_packet(iface_info_t *iface, const char *packet, int len)
{
    iface_info_t *tx_iface = NULL;
    // 遍历所有的interface
    list_for_each_entry(tx_iface, &instance->iface_list, list)
    {
        if (tx_iface->index != iface->index)
             iface_send_packet(tx_iface, packet, len);
    }
}
```

### Screenshots:

使用xterm命令,在b1上执行hub

```
"Node: b1"

root@oslab-virtual-machine:/home/oslab/Desktop/lab5-2023autumn-HistoriaY/00-bro adcast# sudo ./hub
DEBUG: find the following interfaces: b1-eth0 b1-eth1 b1-eth2.
```

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#### 使用ping命令,测试每对Host之间连通性

## Remaining Bugs:

Host间全部连通,无遗留bug