I2RS FIB model

Susan Hares and I2RS FB-RIB
Design team
**fb-rib-types module**

```plaintext
+++rw fb-ribs
+++rw type identityref  //Replace with ephemeral

+++rw fb-rib* [rib-name]
    +++rw rib-name string
    +++rw rib-afi rt:address-family
    +++rw fb-rib-intf* [name]
        |   +++rw name string
        |   +++rw intf if:interface-ref;
        |   +++rw default-fb-rib
        |   ...
        |   |   +++rw instance-using*
        |   |   +++rw fb-rib-group [name]
        |   |   ...
```
---rw fb-rib-group* [group-name]
  |   ---rw group-name string
  |   ---rw order-number uint64
  |   ---rw filter-type identityref // acl, eca

  |   ---rw acl-group*
    path "/acl:access-lists/acl:acl/
        acl:access-list-entries";

  |   ---rw eca-group* bnp-eca:rule-group:name
Issues

• FB-RIBs – create policy routing
• FB-RIBs are
  – Apply to instance
  – Policy may be Beyond instance and apply to many instances (like ACLs)
• Filter Based RIBs – Need config + ephemeral
• No Filter-Based RIBs exist in Yang modules

• Solution: Created both ephemeral and non-ephemeral

• Watch for improved draft today