YANG model for Dynamic Flooding

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N00B Alert!

- We know nothing about YANG.
- We have no idea what we're doing, but we're trying to learn.
- Please be gentle.
- Draft: draft-dontula-lsr-yang-dynamic-flooding-01

Goals

- Cover OSPF and IS-IS
- Model all new
  - TLVs
  - Config
  - UI
- Some support for OpenConfig

Examples

- Dynamic Flooding capability sub-TLV

```
grouping subtlv28-dynamic-flooding {
 description "Dynamic flooding capability subTLV";
 container dynamic-flooding {
   description "Dynamic flooding capability subTLV";
   leaf-list algorithms {
     type uint8;
     description "Supported algorithm indices for distributed mode";
   }
 }
}
```

- Dynamic Flooding configuration

```
grouping dynamic-flooding-global-cfg {
 description "Enable dynamic flooding capability";
 leaf value {
   type boolean;
   default false;
   description "Enable dynamic flooding capability";
 }
}
```

- Status information

```
grouping dynamic-flooding-topology {
 description "List of paths in the topology";
 list paths {
   config false;
   description "A list of paths";
   leaf-list path {
     type string;
     description "A list of node names";
   }
 }
}
```