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

```plaintext
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

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

```plaintext
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";
        }
    }
}
```