Schema Type Syntax Decision Tree

```
┌─────────────────────────────┐
│ I need to create a new type │
└─────────────────────────────┘
              │
              ▼
┌────────────────────────────────────────────────┐
│ Will the type contain element content or attribute(s)? │
└────────────────────────────────────────────────┘
        yes                          no
```

I need to create a new type

Will the type contain element content or attribute(s)?

yes → **<complexType>**

no → **<simpleType>**

Will the new type allow element content?

yes → **<complexContent>:**
(content model and attributes allowed)

no → **<simpleContent>:**
(character data and attributes allowed, no elements)

<simpleType>

Derive by:
<restriction>
OR
<list>
OR
<union>

Derive by:
<restriction>
  content model?
  attribute or attributeGroup?
  anyAttribute?
</restriction>
OR
<extension>
  content model?
  attribute or attributeGroup?
  anyAttribute?
</extension>

Derive by:
<restriction>
  <simpleType> ?
  facets ?
  attribute or attributeGroup?
  anyAttribute?
</restriction>
OR
<extension>
  attribute or attributeGroup?
  anyAttribute?
</extension>