

```

<!ELEMENT Hierarchy (
    hier_type
  , hier_level
  , hier_id
  , hier_name
  , hier_desc
  , hier_parent+
  , hier_attr*
  , hier_trait_id*

```

```

)>

```

```

<!ELEMENT hier_parent (
    parent_seq
  , parent_level
  , parent_id

```

```

)>

```

```

<!ELEMENT hier_attr (
    name
  , value

```

```

)>

```

```

<!ENTITY % varchar2 "(#PCDATA)">

```

```

<!ENTITY % number "(#PCDATA)">

```

```

<!ENTITY % string "(#PCDATA)">

```

```

<!ENTITY % xml "(#PCDATA)">

```

```

<!ELEMENT year %number; >

```

```

<!ELEMENT month %number; >

```

```

<!ELEMENT day %number; >

```

```

<!ELEMENT hour %number; >

```

```

<!ELEMENT minute %number; >

```

```

<!ELEMENT second %number; >

```

```

<!ENTITY % date "( year, month, day, ( hour, minute, second )? )">

```

```

<!ELEMENT hier_type %varchar2; >

```

```

<!ELEMENT hier_level %varchar2; >

```

```

<!ELEMENT hier_id %varchar2; >

```

```

<!ELEMENT hier_name %varchar2; >

```

```

<!ELEMENT hier_desc %varchar2; >

```

```

<!ELEMENT parent_seq %number; >

```

```

<!ELEMENT parent_level %varchar2; >

```

```

<!ELEMENT parent_id %number; >

```

```

<!ELEMENT name %varchar2; >

```

```

<!ELEMENT value %number; >

```

```

<!ELEMENT hier_trait_id %number; >

```