

# How to Render a (Hierarchical) Tree in AsciiDoctor

## Simplest Variant

```
[plantuml, format=svg, opts="inline"]
----
skinparam Legend {
    BackgroundColor transparent
    BorderColor transparent
}
legend
Root
|_ Element 1
|   |_ Element 1.1
|   |_ Element 1.2
|_ Element 2
|   |_ Element 2.1
end legend
----
```

*Example 1. Result*

```
Root
├─ Element 1
│  ├─ Element 1.1
│  └─ Element 1.2
└─ Element 2
   └─ Element 2.1
```

## Default AsciiDoctor Style

```
[plantuml, format=svg, opts="inline"]
----
skinparam Legend {
    BackgroundColor transparent
    BorderColor transparent
    FontName "Noto Serif", "DejaVu Serif", serif
    FontSize 17
}

legend

Root
|_ Element 1
|   |_ Element 1.1
|   |_ Element 1.2
|_ Element 2
|   |_ Element 2.1

end legend
----
```

*Example 2. Result*

```
Root
├─ Element 1
│   ├── Element 1.1
│   └─ Element 1.2
└─ Element 2
    └─ Element 2.1
```

## Externalized

```
[plantuml, format=svg, opts="inline"]
----
!include asciidoctor-style.iuml
legend
Root
|_ Element 1
|   |_ Element 1.1
|   |_ Element 1.2
|_ Element 2
|   |_ Element 2.1
end legend
----
```

*asciidoctor-style.iuml*

```
skinparam Legend {
  BackgroundColor transparent
  BorderColor transparent
  FontName "Noto Serif", "DejaVu Serif", serif
  FontSize 17
}
```

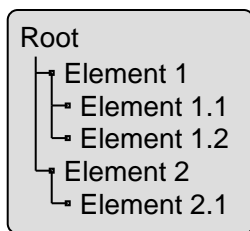
*Example 3. Result*

```
Root
├─ Element 1
│   ├── Element 1.1
│   └─ Element 1.2
└─ Element 2
    └─ Element 2.1
```

## Barebones

```
[plantuml, format=svg, opts="inline"]
----
legend
Root
|_ Element 1
|   |_ Element 1.1
|   |_ Element 1.2
|_ Element 2
|   |_ Element 2.1
end legend
----
```

*Example 4. Result*



## No Dot Available

```

[plantuml, format=svg, opts="inline"]
----
skinparam Legend {
    BackgroundColor transparent
    BorderThickness 0
    FontName "Noto Serif", "DejaVu Serif", serif
    FontSize 17
}
skinparam SequenceLifeLineBorderThickness 0
skinparam SequenceLifeLineBorderColor transparent
skinparam SequenceParticipant {
    BackgroundColor transparent
    BorderColor transparent
    Shadowing false
    FontSize 0
    BorderThickness 0
    Padding 0
}
hide footbox
participant dummy

legend top left

Root
|_ Element 1
|   |_ Element 1.1
|   |_ Element 1.2
|_ Element 2
|   |_ Element 2.1

end legend
----

```

#### Example 5. Result

```

Root
├─ Element 1
│  ├── Element 1.1
│  └── Element 1.2
└─ Element 2
   ├── Element 2.1

```

# No Dot Externalized

```
[plantuml, format=svg, opts="inline"]
----
!include nodot-asciidoctor-style.iuml
legend
Root
|_ Element 1
|   |_ Element 1.1
|   |_ Element 1.2
|_ Element 2
|   |_ Element 2.1
end legend
----
```

```
skinparam Legend {
    BackgroundColor transparent
    BorderColor transparent
    BorderThickness 0
    FontName "Noto Serif", "DejaVu Serif", serif
    FontSize 17
}
skinparam SequenceLifeLineBorderThickness 0
skinparam SequenceLifeLineBorderColor transparent
skinparam SequenceParticipant {
    BackgroundColor transparent
    BorderColor transparent
    Shadowing false
    FontSize 0
    BorderThickness 0
    Padding 0
}
hide footbox
participant dummy
```

## Example 6. Result

```
Root
├─ Element 1
│   ├── Element 1.1
│   └── Element 1.2
└─ Element 2
    └─ Element 2.1
```