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PlantUML > Language specification > Yaml Diagram >

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## 📄 Display YAML Data

**YAML** format is widely used in software.

You can use PlantUML to visualize your data.

To activate this feature, the diagram must:

- begin with `@startyaml` keyword
- end with `@endyaml` keyword.

@startyaml  
fruit: Apple  
size: Large  
color:  
- Red  
- Green  
@endyaml

fruit	Apple
size	Large
color	•

Red

Green

## ⏏ 📄 Complex example

@startyaml  
doe: "a deer, a female deer"  
ray: "a drop of golden sun"  
pi: 3.14159  
xmas: true  
french-hens: 3  
calling-birds:  
- huey  
- dewey  
- louie  
- fred  
xmas-fifth-day:  
calling-birds: four  
french-hens: 3  
golden-rings: 5  
partridges:  
count: 1  
location: "a pear tree"  
turtle-doves: two  
@endyaml

doe	a deer, a female deer
ray	a drop of golden sun
pi	3.14159
xmas	true
french-hens	3
calling-birds	•
xmas-fifth-day	•

huey

dewey

louie

fred

calling-birds	four
french-hens	3
golden-rings	5
partridges	•
turtle-doves	two

count 1

location a pear tree

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Specific key (with symbols or unicode)

@startyaml  
@fruit: Apple  
\$size: Large  
&color: Red  
♥: Heart  
‰: Per mille  
@endyaml

@fruit	Apple
\$size	Large
&color	Red
♥	Heart
‰	Per mille

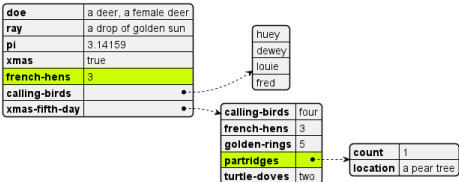
[Ref. [QA-13376](#)]

Highlight parts

Normal style

@startyaml  
#highlight "french-hens"  
#highlight "xmas-fifth-day" / "partridges"  
  
doe: "a deer, a female deer"  
ray: "a drop of golden sun"  
pi: 3.14159  
xmas: true  
french-hens: 3  
calling-birds:  
- huey  
- dewey  
- louie  
- fred  
xmas-fifth-day:  
  calling-birds: four  
  french-hens: 3  
  golden-rings: 5  
  partridges:  
    count: 1  
    location: "a pear tree"  
  turtle-doves: two  
@endyaml

Complex example  
Specific key (with symbols or unicode)  
Highlight parts  
Using (global) style

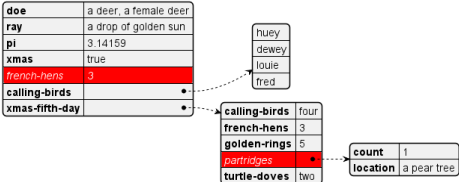


Customised style

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```
<style>
yamlDiagram {
  highlight {
    BackgroundColor red
    FontColor white
    FontStyle italic
  }
}
</style>
#highlight "french-hens"
#highlight "xmas-fifth-day" / "partridges"

doe: "a deer, a female deer"
ray: "a drop of golden sun"
pi: 3.14159
xmas: true
french-hens: 3
calling-birds:
- huey
- dewey
- louie
- fred
xmas-fifth-day:
  calling-birds: four
  french-hens: 3
  golden-rings: 5
  partridges:
    count: 1
    location: "a pear tree"
  turtle-doves: two
@endyaml
```

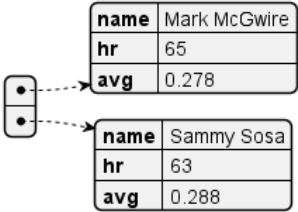


[Ref. [QA-13288](#)]

✎ Using (global) style

Without style (by default)

```
@startyaml
-
  name: Mark McGwire
  hr: 65
  avg: 0.278
-
  name: Sammy Sosa
  hr: 63
  avg: 0.288
@endyaml
```



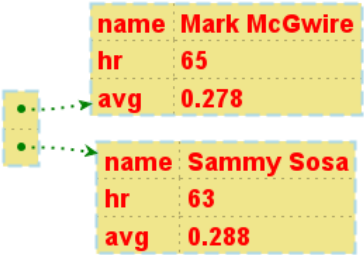
With style

You can use [style](#) to change rendering of elements.



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```
<style>
yamlDiagram {
  node {
    BackGroundColor lightblue
    LineColor lightblue
    FontName Helvetica
    FontColor red
    FontSize 18
    FontStyle bold
    BackGroundColor Khaki
    RoundCorner 0
    LineThickness 2
    LineStyle 10-5
    separator {
      LineThickness 0.5
      LineColor black
      LineStyle 1-5
    }
  }
  arrow {
    BackGroundColor lightblue
    LineColor green
    LineThickness 2
    LineStyle 2-5
  }
}
</style>
sequenceDiagram
    participant Mark as name: Mark McGwire
    participant Sosa as name: Sammy Sosa
    Mark --> Sosa
    Sosa --> Mark
    Note over Mark: hr: 65
    Note over Sosa: hr: 63
    Note over Mark: avg: 0.278
    Note over Sosa: avg: 0.288
    @endyaml
```



[Ref. [QA-13123](#)]