

# Mermaid Diagrams

Mermaid is a JavaScript based parsing engine that allows you to embed blocks of graph markup into a page. Markdown Monster supports two different approaches using either code block or HTML tag syntax to embed the mermaid blocks.

```
graph LR
  A --- B
  B-->C[fa:fa-ban forbidden]
  B-->D(fa:fa-spinner working)
  B-->E(fa:fa-home Home)
  D-->F(fa:fa-flag DONE)
```

## Sequence Diagram

You can use a `mermaid` code block:

```
<pre class="mermaid">
sequenceDiagram
    Alice->>John: Hello John, how are you?
    John-->>Alice: Great!
</pre>
```

to produce the following:

```
sequenceDiagram
    Alice->>John: Hello John, how are you?
    John-->>Alice: Great!
```

Alternately you can use `<div class="mermaid"></div>` to embed the code block logic:

```
<div class="mermaid">
graph LR
  A --- B
  B-->C[fa:fa-ban forbidden]
  B-->D(fa:fa-spinner );
</div>
```

graph LR A --- B B-->C[fa:fa-ban forbidden] B-->D(fa:fa-spinner);

## A Gantt Chart

Here's another example (use `Shift-F12` to preview):

```
<pre class="mermaid">
gantt
  title A Gantt Diagram
  dateFormat YYYY-MM-DD
  section Section
    A task      :a1, 2014-01-01, 30d
    Another task :after a1 , 20d
  section Another
    Task in sec  :2014-01-12 , 12d
    another task : 24d
</div>
</pre>
```

```
gantt
  title A Gantt Diagram
  dateFormat YYYY-MM-DD
  section Section
    A task      :a1, 2014-01-01, 30d
    Another task :after a1 , 20d
  section Another
    Task in sec  :2014-01-12 , 12d
    another task : 24d
```