

Document Title

Doc Writer

A sample [AsciiDoc](#) document.

Introduction

A paragraph followed by a simple list.

- item 1
- item 2

Here's how you say "Hello, World!" in Ruby.

A basic Ruby application

```
puts "Hello, World!"
```

TIP

asciidoctor-fopub takes the pain out of converting a DocBook file to a PDF file like this one. All you need is a Java Development Kit (JDK) and this project. The rest of the software is fetched and configured by Gradle.

$a^2 + b^2 = c^2$

The formula $a^2 + b^2 = c^2$ relates the sides and hypotenuse of a right triangle. The formula

$\int_0^1 x^n dx = \frac{1}{n+1}$

$$X_k = \begin{bmatrix} x_{t-1} \\ y_{t-1} \end{bmatrix} = \begin{bmatrix} x_{t-1} \\ l_k \sin(\theta_t) \\ y_{t-1} \\ l_k \cos(\theta_t) \end{bmatrix} + \begin{bmatrix} \delta_x \\ \delta_y \end{bmatrix}$$