

# Highlights.jl

## Syntax Highlighting Demo

This PDF was generated using Highlights.jl with Typst output. Each section shows the same code in different themes and languages.

### Dracula

#### Julia

```
# Fibonacci sequence
function fib(n::Int)
    n <= 1 && return n
    return fib(n - 1) + fib(n - 2)
end

println("fib(10) = ${fib(10)}")
```

#### Python

```
# Fibonacci sequence
def fib(n):
    if n <= 1:
        return n
    return fib(n - 1) + fib(n - 2)

print(f"fib(10) = {fib(10)}")
```

#### Rust

```
// Fibonacci sequence
fn fib(n: u32) -> u32 {
    if n <= 1 { return n; }
    fib(n - 1) + fib(n - 2)
}

fn main() {
    println!("fib(10) = {}", fib(10));
}
```

## Nord

### Julia

```
# Fibonacci sequence
function fib(n::Int)
    n <= 1 && return n
    return fib(n - 1) + fib(n - 2)
end

println("fib(10) = $(fib(10))")
```

## Python

```
# Fibonacci sequence
def fib(n):
    if n <= 1:
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## Rust

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fn fib(n: u32) -> u32 {
    if n <= 1 { return n; }
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}

fn main() {
    println!("fib(10) = {}", fib(10));
}
```

## Solarized Light

### Julia

```
# Fibonacci sequence
function fib(n::Int)
    n <= 1 && return n
    return fib(n - 1) + fib(n - 2)
end

println("fib(10) = $(fib(10))")
```

### Python

```
# Fibonacci sequence
def fib(n):
    if n <= 1:
        return n
    return fib(n - 1) + fib(n - 2)

print(f"fib(10) = {fib(10)}")
```

### Rust

```
// Fibonacci sequence
fn fib(n: u32) -> u32 {
    if n <= 1 { return n; }
    fib(n - 1) + fib(n - 2)
}

fn main() {
    println!("fib(10) = {}", fib(10));
}
```

## Gruvbox Dark

### Julia

```
# Fibonacci sequence
function fib(n::Int)
    n <= 1 && return n
    return fib(n - 1) + fib(n - 2)
end

println("fib(10) = $(fib(10))")
```

### Python

```
# Fibonacci sequence
def fib(n):
    if n <= 1:
        return n
    return fib(n - 1) + fib(n - 2)

print(f"fib(10) = {fib(10)}")
```

### Rust

```
// Fibonacci sequence
fn fib(n: u32) -> u32 {
    if n <= 1 { return n; }
    fib(n - 1) + fib(n - 2)
}

fn main() {
    println!("fib(10) = {}", fib(10));
}
```

