Productive Programming in Chapel: A Computation-Driven Introduction

Hands-On 1: Hello World

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Hands-On 1
Hello World
Running Hello World

- **Visit** [http://chapel.cray.com](http://chapel.cray.com) **to download Chapel**
- **Build it**
  - source util/quickstart/setchplenv.bash
  - make
  - make check
- **Create hello.chpl with your favorite editor:**
  - writeln("Hello World");
- **Compile it**
  - chpl hello.chpl -o hello
- **Run it**
  - ./hello
"Hello World" in Chapel: Two Versions

- Fast prototyping
  ```chapel
  writeln("Hello, world!");
  ```

- "Production-grade"
  ```chapel
  module Hello {
    proc main() {
      writeln("Hello, world!");
    }
  }
  ```
"Hello World" in Chapel: Two Versions

- Fast prototyping

```chapel
writeln("Hello, world!");
```

- “Production-grade” (configurable)

```chapel
module Hello {
    config const audience = "world";

    proc main() {
        writeln("Hello, ", audience, "!");
    }
}
```

- Remember, to change ‘audience’:
  - `./hello --audience=Austin`
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