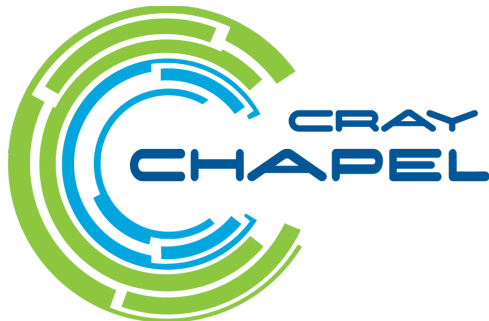




# Productive Programming in Chapel: A Computation-Driven Introduction

## Hands-On 1: Hello World

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Cray Inc,  
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# Hands-On 1

## Hello World





# Running Hello World

- Visit <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

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

- "Production-grade"

```
module Hello {

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

# "Hello World" in Chapel: Two Versions

- Fast prototyping

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

- “Production-grade” (configurable)

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

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

- Remember, to change ‘audience’:

- ./hello --audience=Austin



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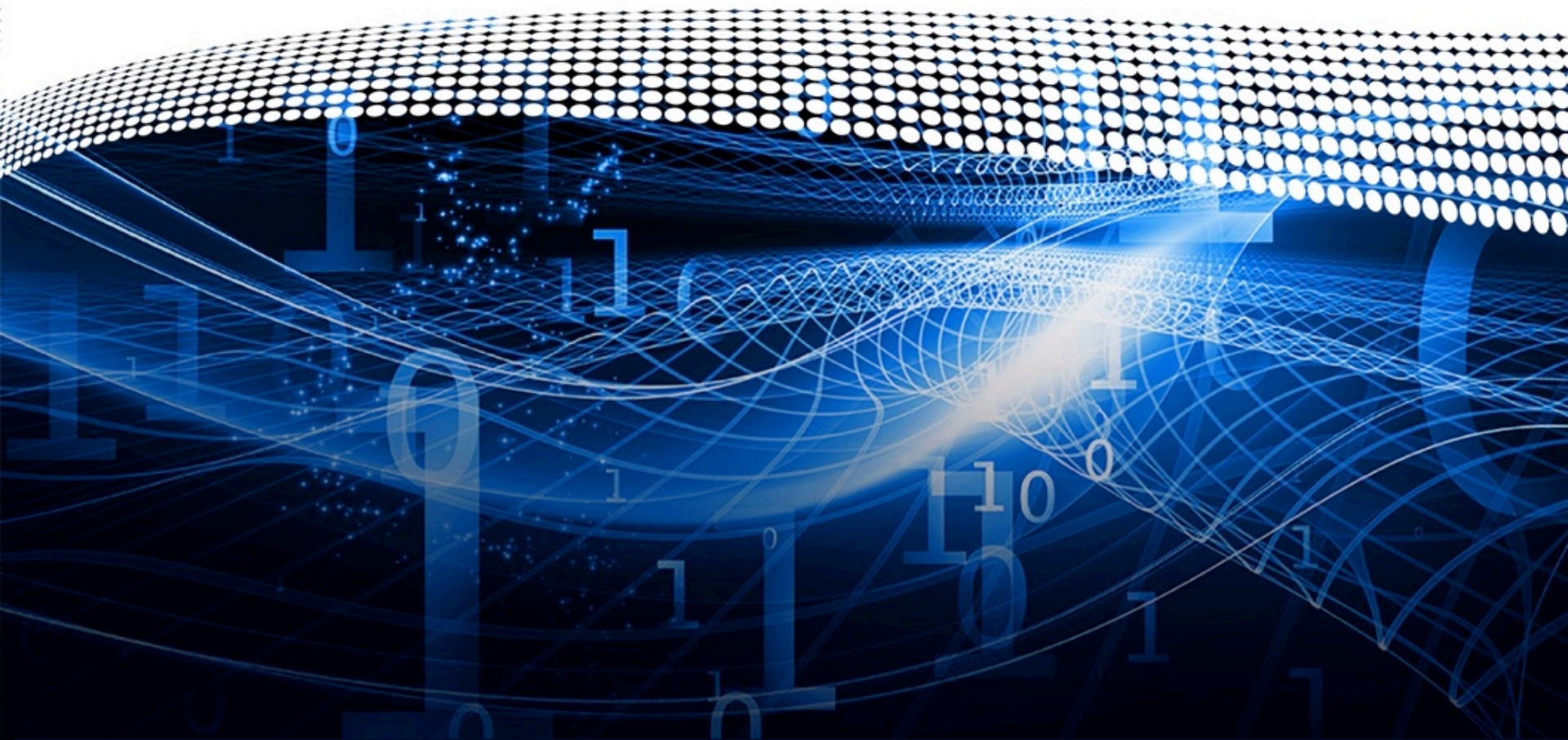
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<http://github.com/chapel-lang/chapel/>