CHAPTER

TEN

PROMPT

Rich has a number of *Prompt* classes which ask a user for input and loop until a valid response is received (they all use the *Console API* internally). Here's a simple example:

```
>>> from rich.prompt import Prompt
>>> name = Prompt.ask("Enter your name")
```

The prompt may be given as a string (which may contain *Console Markup* and emoji code) or as a *Text* instance.

You can set a default value which will be returned if the user presses return without entering any text:

```
>>> from rich.prompt import Prompt
>>> name = Prompt.ask("Enter your name", default="Paul Atreides")
```

If you supply a list of choices, the prompt will loop until the user enters one of the choices:

```
>>> from rich.prompt import Prompt
>>> name = Prompt.ask("Enter your name", choices=["Paul", "Jessica", "Duncan"], default=
↪"Paul")
```

By default this is case sensitive, but you can set *case_sensitive=False* to make it case insensitive:

```
>>> from rich.prompt import Prompt
>>> name = Prompt.ask("Enter your name", choices=["Paul", "Jessica", "Duncan"], default=
↪"Paul", case_sensitive=False)
```

Now, it would accept "paul" or "Paul" as valid responses.

In addition to *Prompt* which returns strings, you can also use *IntPrompt* which asks the user for an integer, and *FloatPrompt* for floats.

The *Confirm* class is a specialized prompt which may be used to ask the user a simple yes / no question. Here's an example:

```
>>> from rich.prompt import Confirm
>>> is_rich_great = Confirm.ask("Do you like rich?")
>>> assert is_rich_great
```

The Prompt class was designed to be customizable via inheritance. See prompt.py for examples.

To see some of the prompts in action, run the following command from the command line:

```
python -m rich.prompt
```