

3.06 Waits

Implicit Wait

- Specify a timeout in seconds (typically during *test setup*)
- For every command that Selenium is unable to complete, it will retry it until either:
 - the action can be accomplished, or
 - the amount of time specified has been reached and raise an exception (typically `NoSuchElementException`)
- Less flexible than explicit waits
- Not recommended

```
driver.implicitly_wait(15)
```

Explicit Waits

- Specify a timeout (in seconds) and an expected condition to wait for
- Selenium will check for the expected condition repeatedly until either:
 - is successful, or
 - the amount of time specified has been reached and raise an exception
- Recommended way to wait in your tests
- ```
wait = WebDriverWait(self.driver, timeout)
```
- ```
wait.until(  
    expected_conditions.visibility_of_element_located(  
        (locator['by'], locator['value']))
```

For more info:

- [Explicit vs Implicit Waits](#)
- [Selenium Python bindings documentation for explicit waits](#)