

Common Locators

NOTE

- IDs and names for faster execution.
- CSS selectors and XPath for complex elements

Finding XPATH

Absolute XPath

Relative XPath

```
<html>
<body>
      <input class='email' id='email'>
      <button class='submit' id='submit'>Login
      </button>
</body>
</html>
/html/body/button
//button[@id='submit']
//button[@class='submit']
//button[contains(text(), 'Login')]
//button[contains(@class,'submit')]
```

Finding XPATH

```
<html>
<body>
<div class="grandparent">
      <div class="parent">
            <div class="child">
                  <span id="target">Target Element
                  </span>
            </div>
            <div class="sibling">
                  <span>Sibling Element</span>
            </div>
      </div>
      <div class="uncle">
            <span>Uncle Element</span>
      </div>
</div>
</body>
</html>
```

Find the parent div of the element with id='target'

```
//span[@id='target']/ancestor::div[@class='parent']
```

Find all **span elements** that are descendants of the **div** with the class **grandparent**

```
//div[@class='grandparent']/descendant::span[@id='ta
rget']
```

Find the sibling div of the element with the class child

```
//div[@class='child']/following-sibling::div
```

Find the **preceding sibling div** of the element with the class sibling

```
//div[@class='sibling']/preceding-sibling::div
```