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HUBzero® is a powerful, open source software platform for creating dynamic web sites that support scientific research and educational activities

#### habricentral.org

Resources for the Study of the Human-Animal Bond.

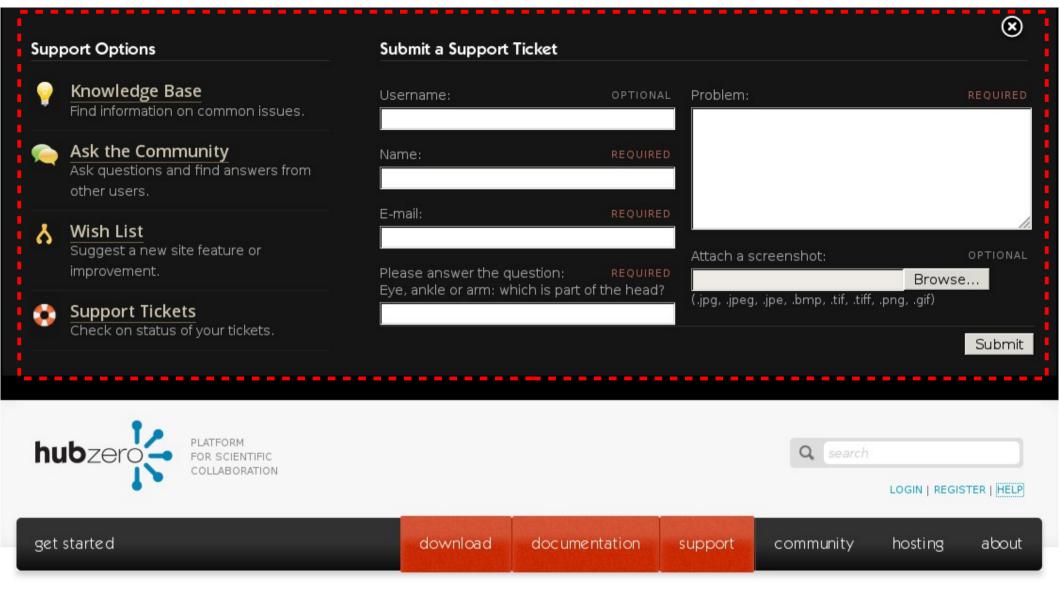


HABRI Central exists to advance the interdisciplinary understanding and study of human-animal interaction.

see more hubs

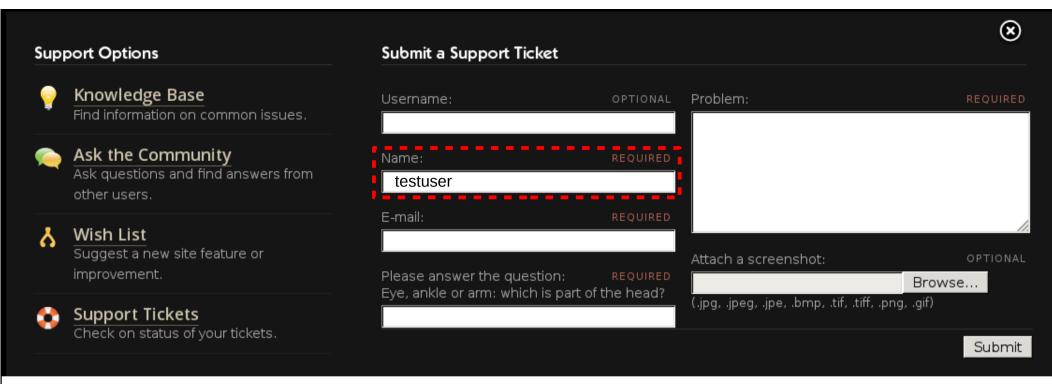
**GET STARTED** 

DOWNLOAD



HUBzero® is a powerful, open source software platform for creating dynamic web sites that support scientific research and educational activities



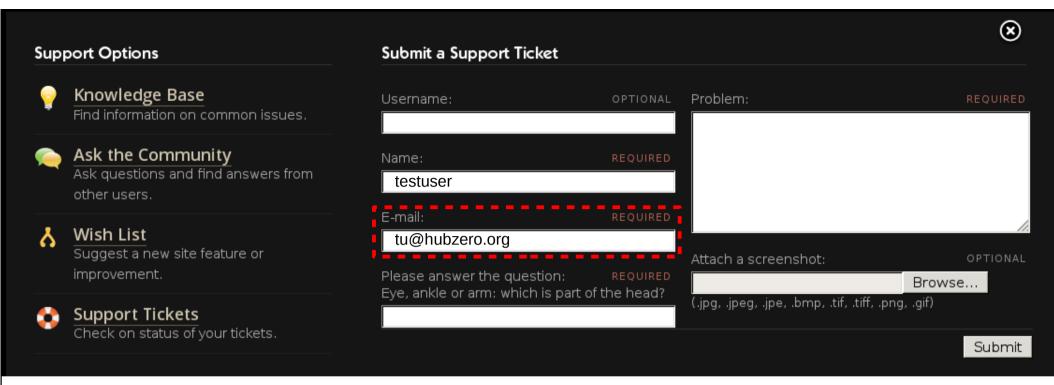


# Writing to a Text Input:

- 1. Find the element
- 2. Clear the element
- 3. Send keys to the element

```
<label for="trName">
    Name:
    <span class="required">required</span>
    <input id="trName" type="text" value=""
    name="reporter[name]">
    </label>
```

```
e = browser.find_element(by=BY.CSS, value="input[id='trName']")
e.clear()
e.send_keys("testuser")
...
```

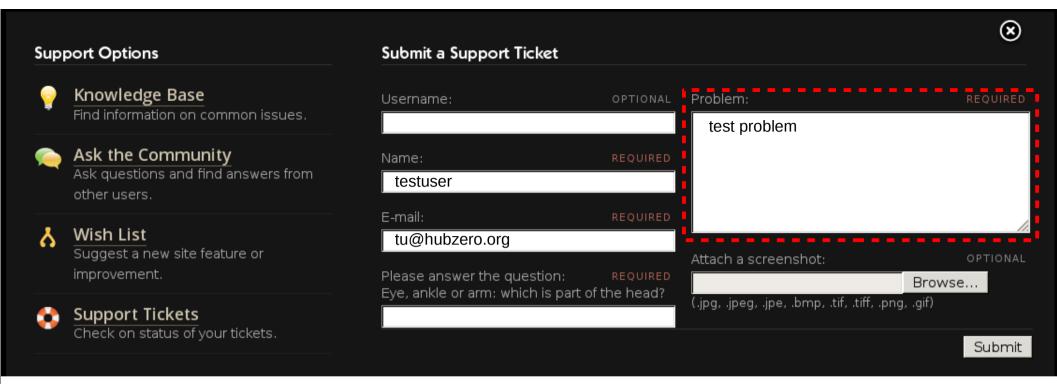


# Writing to a Text Input:

- 1. Find the element
- 2. Clear the element
- 3. Send keys to the element

```
<label for="trEmail">
        E-mail:
        <span class="required">required</span>
        <input id="trEmail" type="text" value=""
            name="reporter[email]">
        </label>
```

```
e = browser.find_element(by=BY.CSS, value="input[id='trEmail']")
e.clear()
e.send_keys("tu@hubzero.org")
...
```

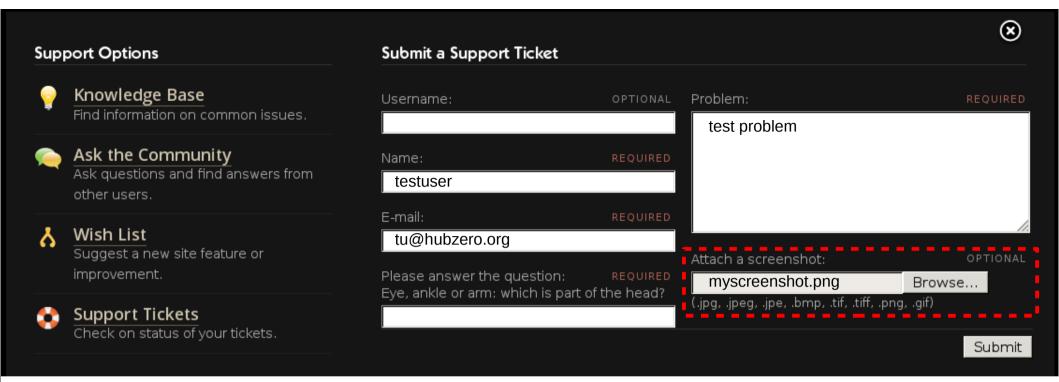


# Writing to a Text Input:

- 1. Find the element
- 2. Clear the element
- 3. Send keys to the element

```
<label for="trProblem">
    Problem:
    <span class="required">required</span>
    <textarea id="trProblem"
        name="problem[long]"> </textarea>
    </label>
```

```
e = browser.find_element(by=BY.CSS, value="textarea[id='trProblem']")
e.clear()
e.send_keys("test problem")
...
```

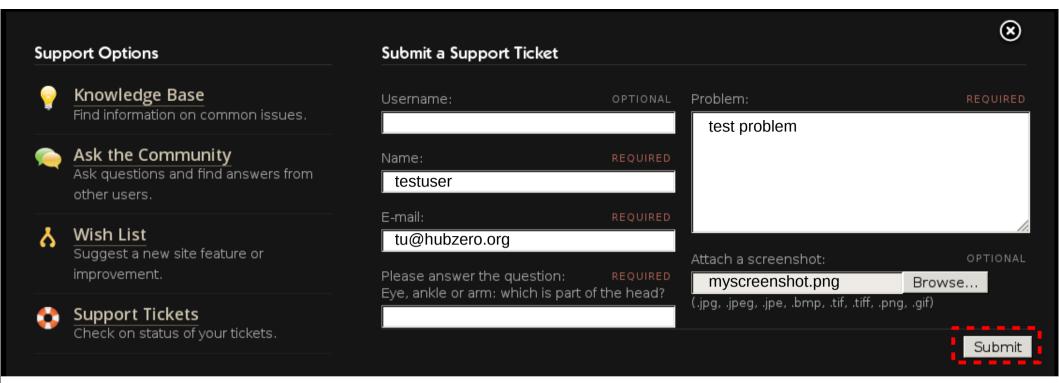


# Uploading a file:

- 1. Find the element
- 2. Send file path to element

```
<label for="trUpload">
    Attach a screenshot:
    <span class="optional">optional</span>
    <input id="trUpload" type="file"
        name="upload">
    </label>
```

```
e = browser.find_element(by=BY.CSS,value="input[id='trUpload']")
e.send_keys("$HOME/myscreenshot.png")
...
```



# Pushing a button:

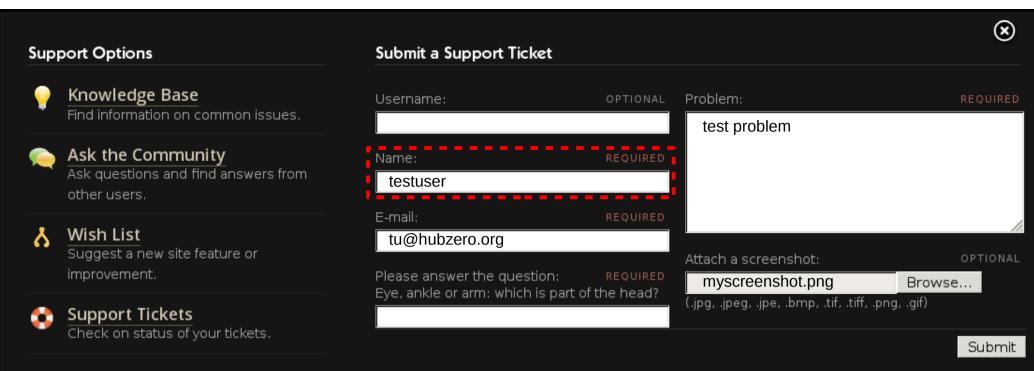
- 1. Find the element
- 2. Call the element's "click()" method

```
<div class="submit">
    <input id="send-forml" type="submit"
     value="Submit">
    </div>
```

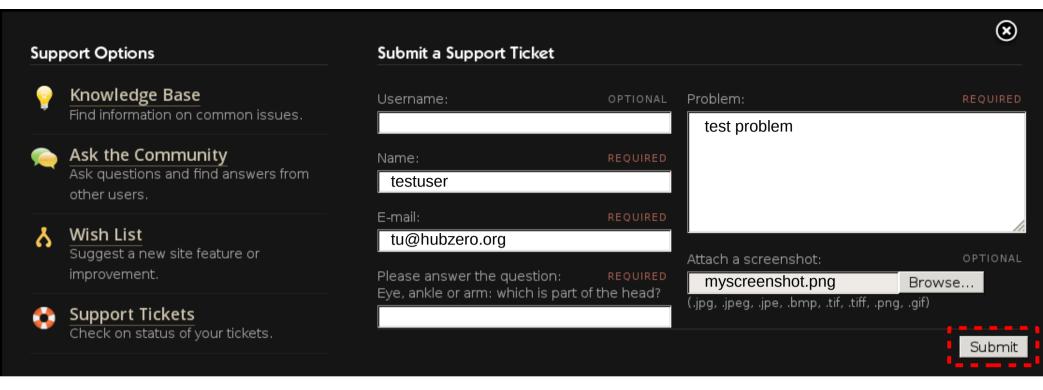
```
e = browser.find_element(by=BY.CSS,value="input[id='send-form']")
e.click()
...
```

```
# File a Support Ticket
# Populate the Name field
e = browser.find element(by=BY.CSS, value="input[id='trName']")
e.clear()
e.send_keys("testuser")
# Populate the Email field
e = browser.find element(by=BY.CSS, value="input[id='trEmail']")
e.clear()
e.send_keys("tu@hubzero.org")
# Populate the Problem field
e = browser.find_element(by=BY.CSS, value="textarea[id='trProblem']")
e.clear()
e.send keys("test problem")
# Populate the Upload field
e = browser.find element(by=BY.CSS,value="input[id='trUpload']")
e.send keys("$HOME/myscreenshot.png")
# Click the Submit button
e = browser.find element(by=BY.CSS,value="input[id='send-form']")
e.click()
. . .
```

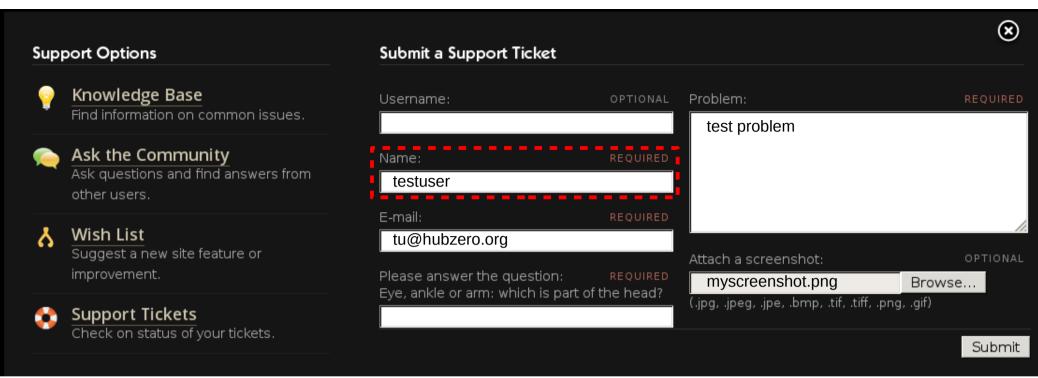
```
# File a Support Ticket
# Populate the Name field
e = browser.find element(by=BY.CSS, value="input[id='trName']")
                                                                        Text Input
e.clear()
e.send_keys("testuser")
# Populate the Email field
e = browser.find element(by=BY.CSS, value="input[id='trEmail']")
                                                                        Text Input
e.clear()
e.send_keys("tu@hubzero.org")
# Populate the Problem field
e = browser.find_element(by=BY.CSS, value="textarea[id='trProblem']")
                                                                         Text Input
e.clear()
e.send_keys("test problem")
# Populate the Upload field
                                                                        Text Input
e = browser.find element(by=BY.CSS,value="input[id='trUpload']")
e.send keys("$HOME/myscreenshot.png")
# Click the Submit button
                                                                           Button
e = browser.find_element(by=BY.CSS,value="input[id='send-form']")
e.click()
```



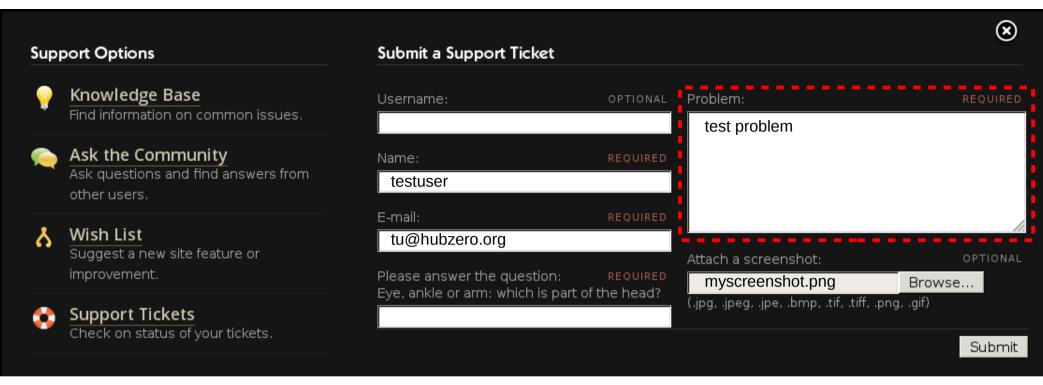
```
<a href="label-for="trName">
class Text(BasePageWidget):
                                                         Name:
  def init (self, locator):
                                                         <span class="required">required</span>
                                                         <input id="trName" type="text" value=""</pre>
  def value(self, text):
                                                           name="reporter[name]">
     e = self.find element(self.locator)
                                                      </label>
     e.clear()
     e.send keys(text)
  e = browser.find element(by=BY.CSS,
                                                        name = Text("input[id='trName']")
        value="input[id='trName']")
                                                        name.value('testuser')
  e.clear()
  e.send_keys("testuser")
```



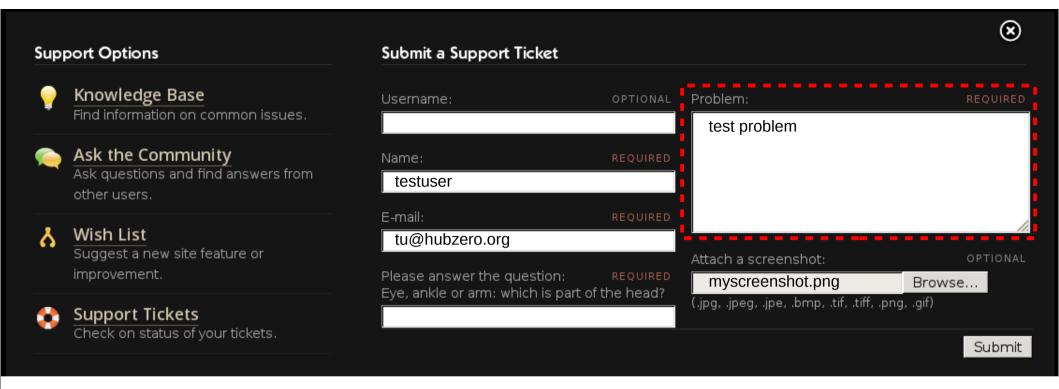
```
# File a Support Ticket
# Populate the Name field
name = Text("input[id='trName']")
                                                                         Text Input
name.value("testuser")
# Populate the Email field
email = Text("input[id='trEmail']")
                                                                         Text Input
email.value("tu@hubzero.org")
# Populate the Problem field
problem = Text("textarea[id='trProblem']")
                                                                         Text Input
problem.value("test problem")
# Populate the Upload field
                                                                         Text Input
upload = Text("input[id='trUpload']")
upload.value("$HOME/myscreenshot.png")
# Click the Submit button
                                                                           Button
submit = Button("input[id='send-form']")
submit.click()
```



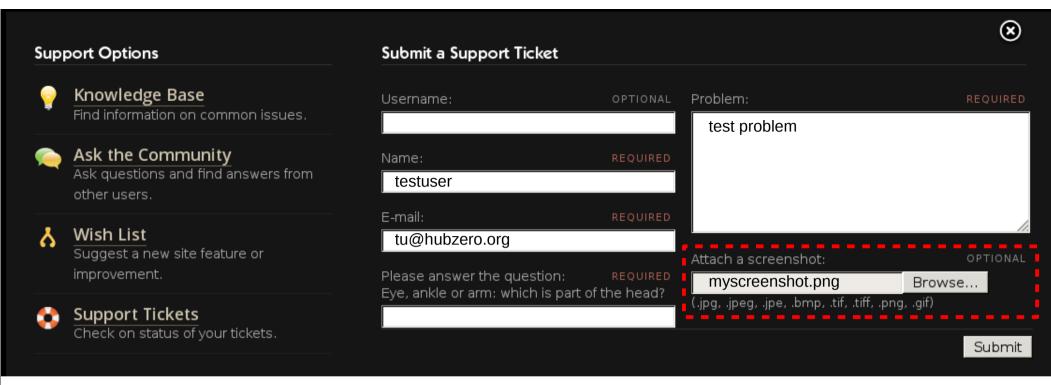
```
<a href="label-for="trName">
class Text(BasePageWidget):
                                                         Name:
  def init (self, locator):
                                                         <span class="required">required</span>
                                                         <input id="trName" type="text" value=""</pre>
  def value(self):
                                                            name="reporter[name]">
     e = self.find element(self.locator)
                                                       </label>
     return e.get attribute('value')
  e = browser.find element(by=BY.CSS,
                                                        name = Text("input[id='trName']")
        value="input[id='trName']")
                                                        x = name.value()
  e.get attribute('value')
```



```
<a href="label"><|abel for="trProblem"></a>
class Text(BasePageWidget):
                                                          Problem:
  def init (self, locator):
                                                          <span class="required">required</span>
                                                          <textarea id="trProblem"
  def value(self):
                                                            name="problem[long]"> </textarea>
     e = self.find element(self.locator)
                                                       </label>
    return e.get attribute('value')
  e = browser.find element(by=BY.CSS,
                                                         problem = Text("input[id='trProblem']")
        value="input[id='trProblem']")
                                                         x = problem.value()
  e.text
```



```
<a href="label"><|abel for="trProblem"></a>
class TextArea(BasePageWidget):
                                                          Problem:
  def init (self, locator):
                                                          <span class="required">required</span>
                                                          <textarea id="trProblem"
  def value(self):
                                                            name="problem[long]"> </textarea>
     e = self.find_element(self.locator)
                                                       </label>
     return e text
  e = browser.find element(by=BY.CSS,
                                                         problem = Text("input[id='trProblem']")
        value="input[id='trProblem']")
                                                         x = problem.value()
  e.text
```



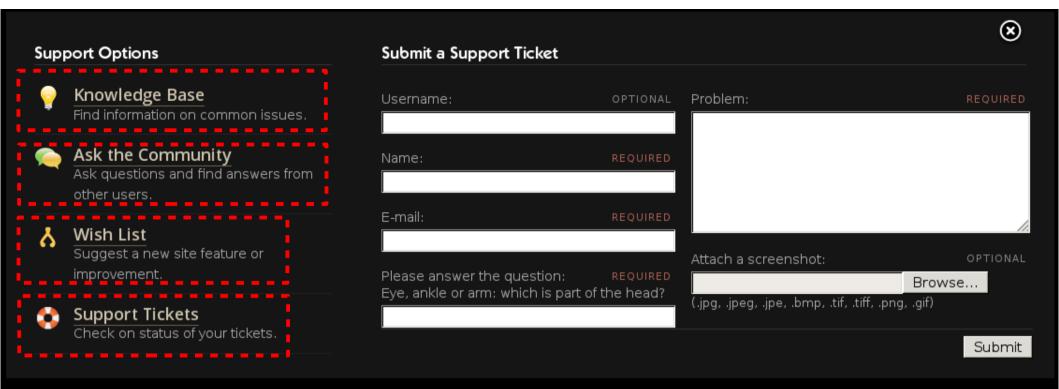
```
e = browser.find_element( by=BY.CSS, value="input[id='trUpload']")
e.send_keys('$HOME/myscreenshot.png')
...

...

...

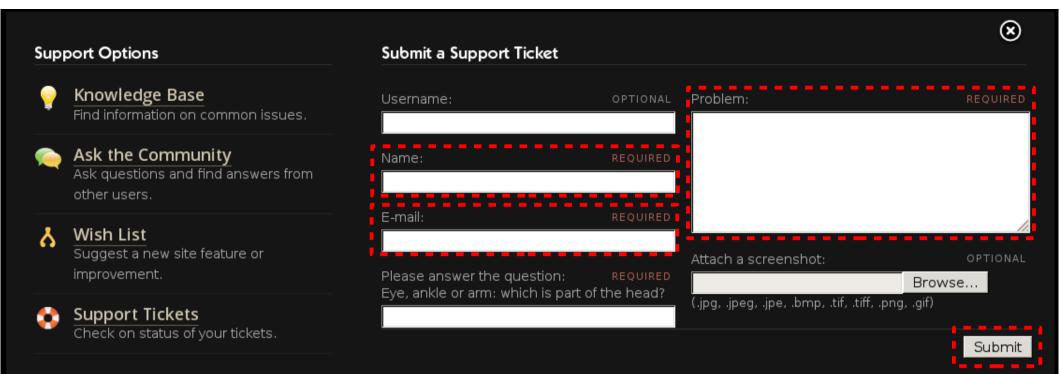
problem = Upload("input[id='trProblem']")
problem.value('$HOME/myscreenshot.png')
...
```

```
# File a Support Ticket
# Populate the Name field
name = Text("input[id='trName']")
                                                                        Text Input
name.value("testuser")
# Populate the Email field
email = Text("input[id='trEmail']")
                                                                        Text Input
email.value("tu@hubzero.org")
# Populate the Problem field
problem = TextArea("textarea[id='trProblem']")
                                                                         TextArea
problem.value("test problem")
# Populate the Upload field
                                                                           Upload
upload = Upload("input[id='trUpload']")
upload.value("$HOME/myscreenshot.png")
# Click the Submit button
                                                                           Button
submit = Button("input[id='send-form']")
submit.click()
```

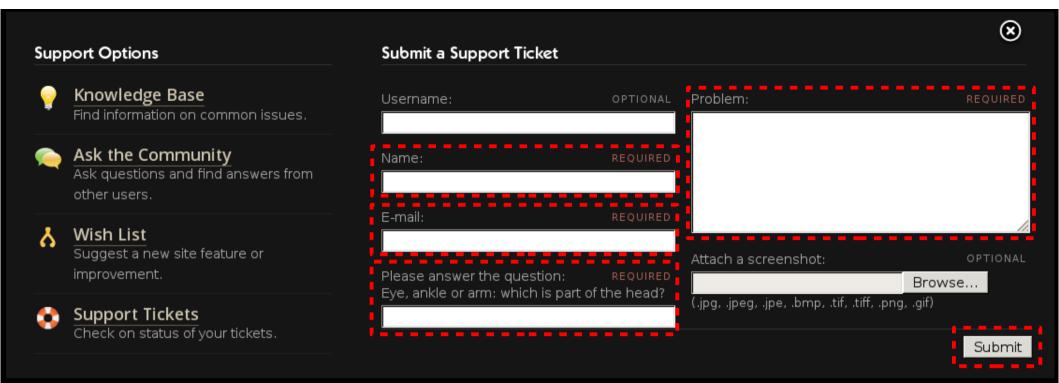


# Go to Support Webpages

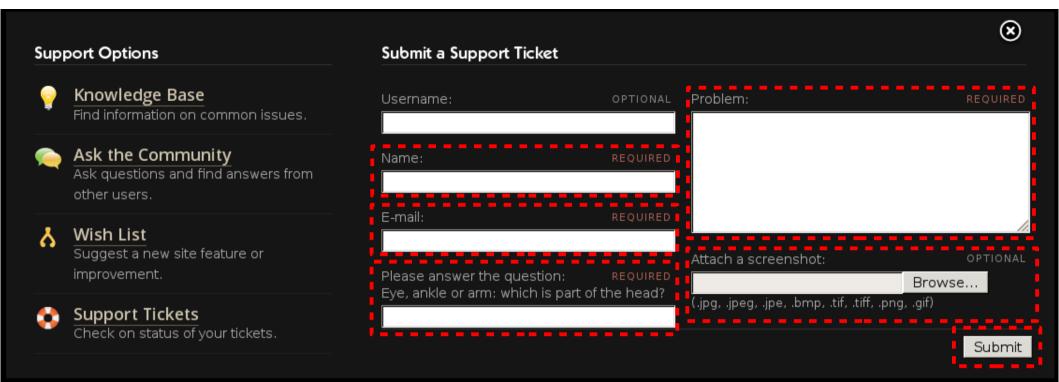
- \* Knowledge Base
- \* Questions/Answers
- \* Wish List
- \* Support Tickets



# Submit New Ticket \* Name, Email, Problem



# Submit New Ticket \* Name, Email, Problem, Captcha



# Submit New Ticket \* Name, Email, Problem, Captcha, Upload

```
# File a Support Ticket
# Populate the Name field
e = browser.find element(by=BY.CSS, value="input[id='trName']")
e.clear()
e.send keys("testuser")
# Populate the Email field
e = browser.find element(by=BY.CSS, value="input[id='trEmail']")
e.clear()
e.send keys("tu@hubzero.org")
# Populate the Problem field
e = browser.find element(by=BY.CSS, value="textarea[id='trProblem']")
e.clear()
e.send keys("test problem")
# Populate the Upload field
e = browser.find element(by=BY.CSS,value="input[id='trUpload']")
e.send keys("$HOME/myscreenshot.png")
# Click the Submit button
e = browser.find element(by=BY.CSS,value="input[id='send-form']")
e.click()
```

```
# File a Support Ticket
# Populate the Name field
name = Text("input[id='trName']")
name.value("testuser")
# Populate the Email field
email = Text("input[id='trEmail']")
email.value("tu@hubzero.org")
# Populate the Problem field
problem = TextArea("textarea[id='trProblem']")
problem.value("test problem")
# Populate the Upload field
upload = Upload("input[id='trUpload']")
upload.value("$HOME/myscreenshot.png")
# Click the Submit button
submit = Button("input[id='send-form']")
submit.click()
```

```
# File a Support Ticket
# Populate the Support Ticket
po = TroubleReportForm("#troublereport")
data = {
  'username' : 'hctest1',
  'name' : 'hctest1 hctest1',
  'email' : 'hctest1@hubzero.org',
  'problem' : 'test problem text',
  'captcha' : True,
'upload' : '/home/hctest1/myscreenshot.png',
po.submit_ticket(data)
```

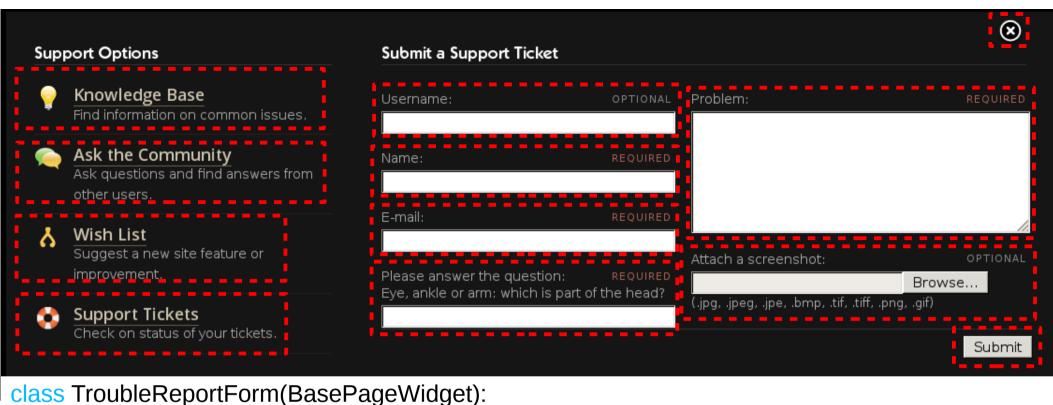
```
# File a Support Ticket

# Populate the Support Ticket

po = TroubleReportForm("#troublereport")

data = {
    'name' : 'hctest1 hctest1',
    'email' : 'hctest1@hubzero.org',
    'problem' : 'test problem text',
}

po.submit_ticket(data)
```



```
def __init__(self):

...

self.username = Text(self,'username')

self.captcha = Captcha(self,'captcha')

self.problem = Text(self,'problem')

self.upload = Upload(self,'upload')

self.submit = Button(self,'submit')

...

def submit_ticket(self,data):

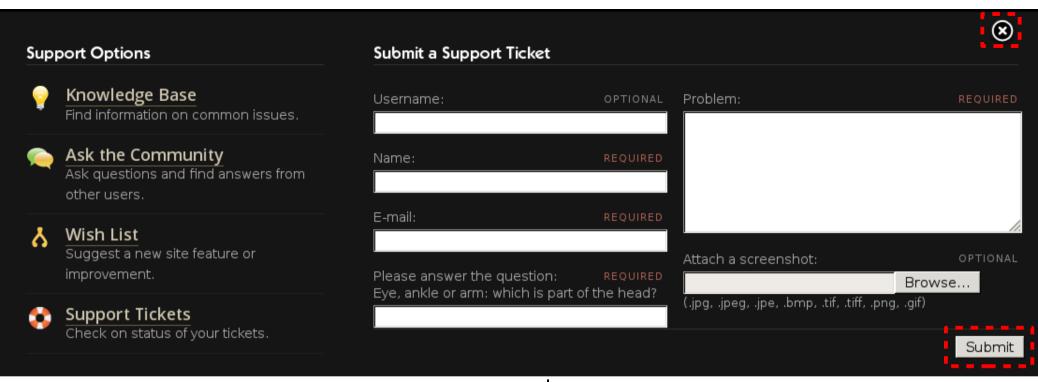
...

def open(self):
...
```

def close(self):

**Page Description** 

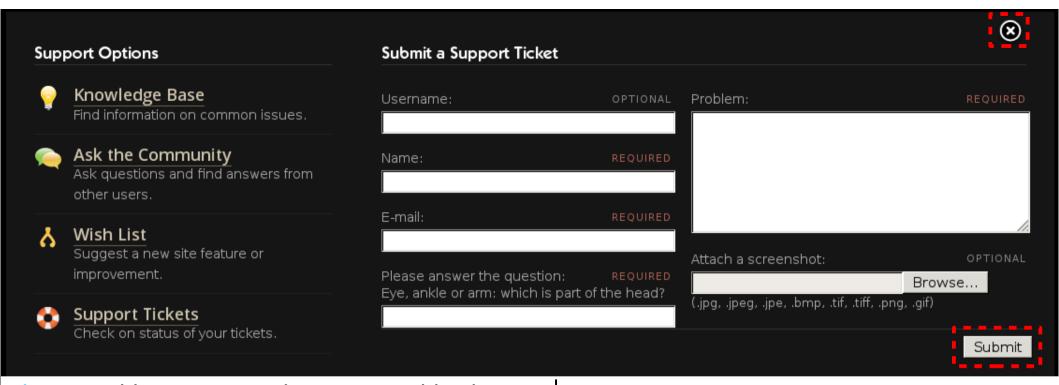
**Page Services** 



```
class TroubleReportForm(BasePageWidget):
    def __init__(self):
        ...
        self.username = Text(self,'username')
        self.captcha = Captcha(self,'captcha')
        self.problem = Text(self,'problem')
        self.upload = Upload(self,'upload')
        self.submit = Button(self,'submit')
        ...
    def submit_ticket(self,data):
        ...
    def open(self):
        ...
    def close(self):
```

# open and close the need help pane

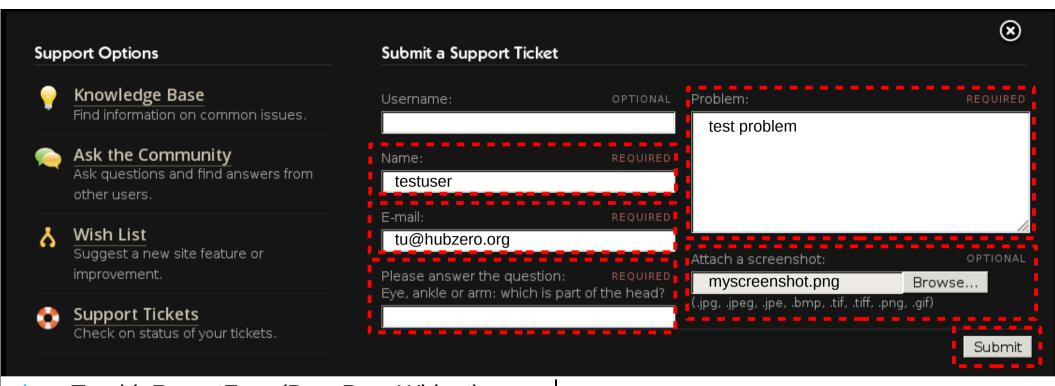
po = TroubleReportForm()
po.open()
po.close()



```
class TroubleReportForm(BasePageWidget):
    def __init__(self):
        ...
        self.username = Text(self,'username')
        self.captcha = Captcha(self,'captcha')
        self.problem = Text(self,'problem')
        self.upload = Upload(self,'upload')
        self.submit = Button(self,'submit')
        ...
    def submit_ticket(self,data):
        ...
    def open(self):
        ...
    def close(self):
```

# submit a blank ticket

```
po = TroubleReportForm()
po.open()
data = {}
po.submit_ticket(data)
```

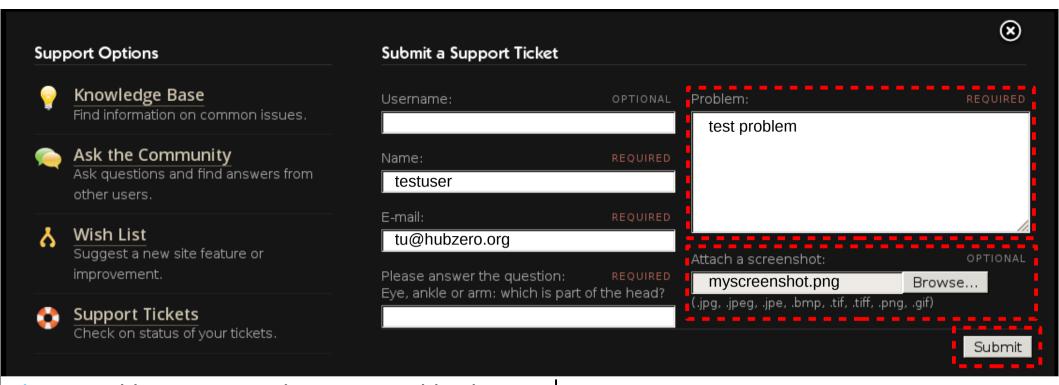


```
class TroubleReportForm(BasePageWidget):
    def __init__(self):
        ...
        self.username = Text(self,'username')
        self.captcha = Captcha(self,'captcha')
        self.problem = Text(self,'problem')
        self.upload = Upload(self,'upload')
        self.submit = Button(self,'submit')
        ...
    def submit_ticket(self,data):
        ...
    def open(self):
        ...
    def close(self):
```

```
# upload a file, then submit the ticket

po = TroubleReportForm()
po.open()
data = {
    'name' : 'testuser',
    'email' : 'tu@hubzero.org',
    'problem' : 'test problem',
    'upload' : 'myscreenshot.png',
}
po.submit_ticket(data)
```

# fill in the name, email, problem,



```
class TroubleReportForm(BasePageWidget):
    def __init__(self):
        ...
        self.username = Text(self,'username')
        self.captcha = Captcha(self,'captcha')
        self.problem = Text(self,'problem')
        self.upload = Upload(self,'upload')
        self.submit = Button(self,'submit')
        ...
    def submit_ticket(self,data):
        ...
    def open(self):
        ...
    def close(self):
```

```
# fill in problem, upload file,
# then submit ticket

po = Login()
po.login_as('testuser','tupass')

po = TroubleReportForm()
po.open()
data = {
    'problem' : 'test problem',
    'upload' : 'myscreenshot.png',
}
po.submit_ticket(data)
```

# login to the website,





LOGIN | REGISTER | HELP

get started documentation support community hosting about

HOME > LOGIN

# Login

# Log in with your Hub account.

Username:		
Forgot your Username?		
Password:		
Forgot your Password?		
☐ Remember Me		

#### No account?

Register. It's free!

### Is this really free?

Yes! Use of HUBzero resources and tools is *free* for registered users. There are no hidden costs or fees.

# Why is registration required for parts of HUBzero?

# Login

# Log in with your Hub account.

Username:		
Forgot your Username?		
Password:		
Forgot your Password?		
☐ Remember Me		

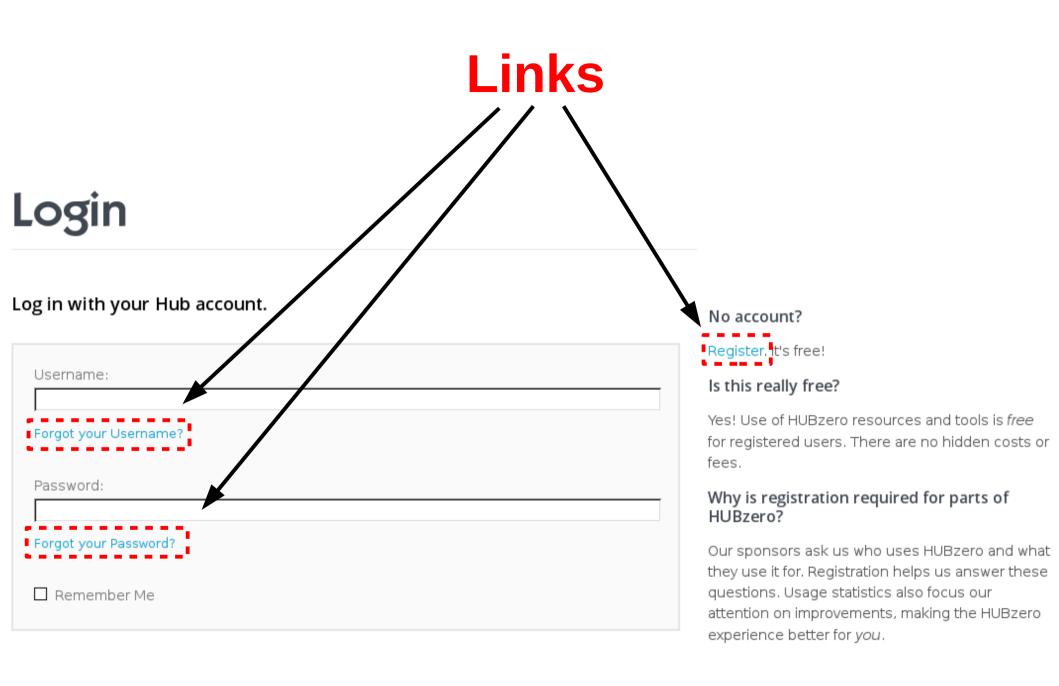
#### No account?

Register. It's free!

# Is this really free?

Yes! Use of HUBzero resources and tools is *free* for registered users. There are no hidden costs or fees.

# Why is registration required for parts of HUBzero?



Login

# **Text Inputs** Login Log in with your Hub account. Username: Forgot your Username? Password: Forgot your Password? ☐ Remember Me

#### No account?

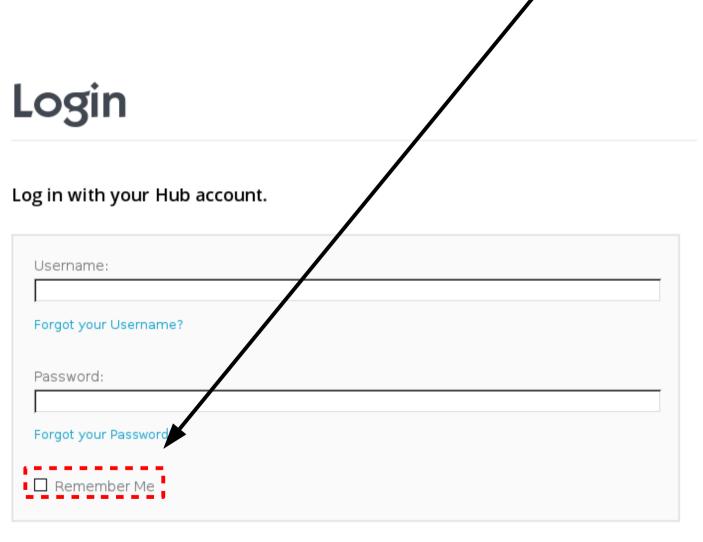
Register. It's free!

## Is this really free?

Yes! Use of HUBzero resources and tools is *free* for registered users. There are no hidden costs or fees.

# Why is registration required for parts of HUBzero?

# Checkbox



#### No account?

Register. It's free!

## Is this really free?

Yes! Use of HUBzero resources and tools is *free* for registered users. There are no hidden costs or fees.

# Why is registration required for parts of HUBzero?

# **Button**

Login

Username:

Password:

Forgot your Username?

Forgot your Password?

☐ Remember Me

Log in with your Hub account.

#### No account?

Register. It's free!

# Is this really free?

Yes! Use of HUBzero resources and tools is *free* for registered users. There are no hidden costs or fees.

# Why is registration required for parts of HUBzero?

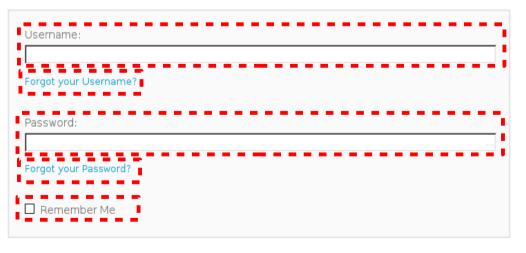
```
class Login(BasePageWidget):
    def __init__(self, locator):
        ...
        self.username = Text(self,'username')
        self.password = Text(self,'password')
        self.remember = Checkbox(self,'remember')
        self.remind = Link(self,'remind')
        self.reset = Link(self,'reset')
        self.register = Link(self,'register')
        self.submit = Button(self,'submit')
```

# **Page Description**

def login\_as(self,username,password):
 self.username.value = username
 self.password.value = password
 self.submit.click()

# **Page Services**

# Log in with your Hub account.



#### No account?

Register. t's free!

#### Is this really free?

Yes! Use of HUBzero resources and tools is *free* for registered users. There are no hidden costs or fees.

# Why is registration required for parts of HUBzero?

```
class Login(BasePageWidget):
  def init (self, locator):
     self.username = Text(self,'username')
     self.password = Text(self,'password')
     self.remember = Checkbox(self,'remember')
                   = Link(self,'remind')
     self.remind
                   = Link(self,'reset')
     self.reset
                   = Link(self,'register')
     self.register
     self.submit
                   = Button(self,'submit')
  def login_as(self,username,password):
     self.username.value = username
     self.password.value = password
     self.submit.click()
```

```
po = Login('#hubForm')
po.login_as('testuser','testpassword')

po = Login('#hubForm')
po.remember.value = True
po.login_as('testuser','testpassword')

po = Login('#hubForm')
po.remind.click()

po = Login('#hubForm')
po.username.value = 'testuser'
po.submit.click()
```

# Log in with your Hub account.



#### No account?

# Register. It's free!

#### Is this really free?

Yes! Use of HUBzero resources and tools is *free* for registered users. There are no hidden costs or fees.

# Why is registration required for parts of HUBzero?