

# XSS

# Cross Site Scripting

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# XSS

- Injection of client side scripts in web pages
- Inherent to how HTML works
  - Not a “bug” of .NET, Python, etc..
- Has several variants
  - Stored XSS
  - Reflected XSS
  - Cross Site Request Forgery

# XSS

Correct usage:

```
<img src='img.png'></img>
```

Not so correct usage:

```
<img src='img.png'><script>alert("hi");</script></img>
```

# XSS

</img>
```

Could it open a Window and send current  
cookie to bad.com?

# XSS: Injection Vectors

- Any non parsed text!

```
<p>Hi there<script>alert('hehe')</script></p>
```

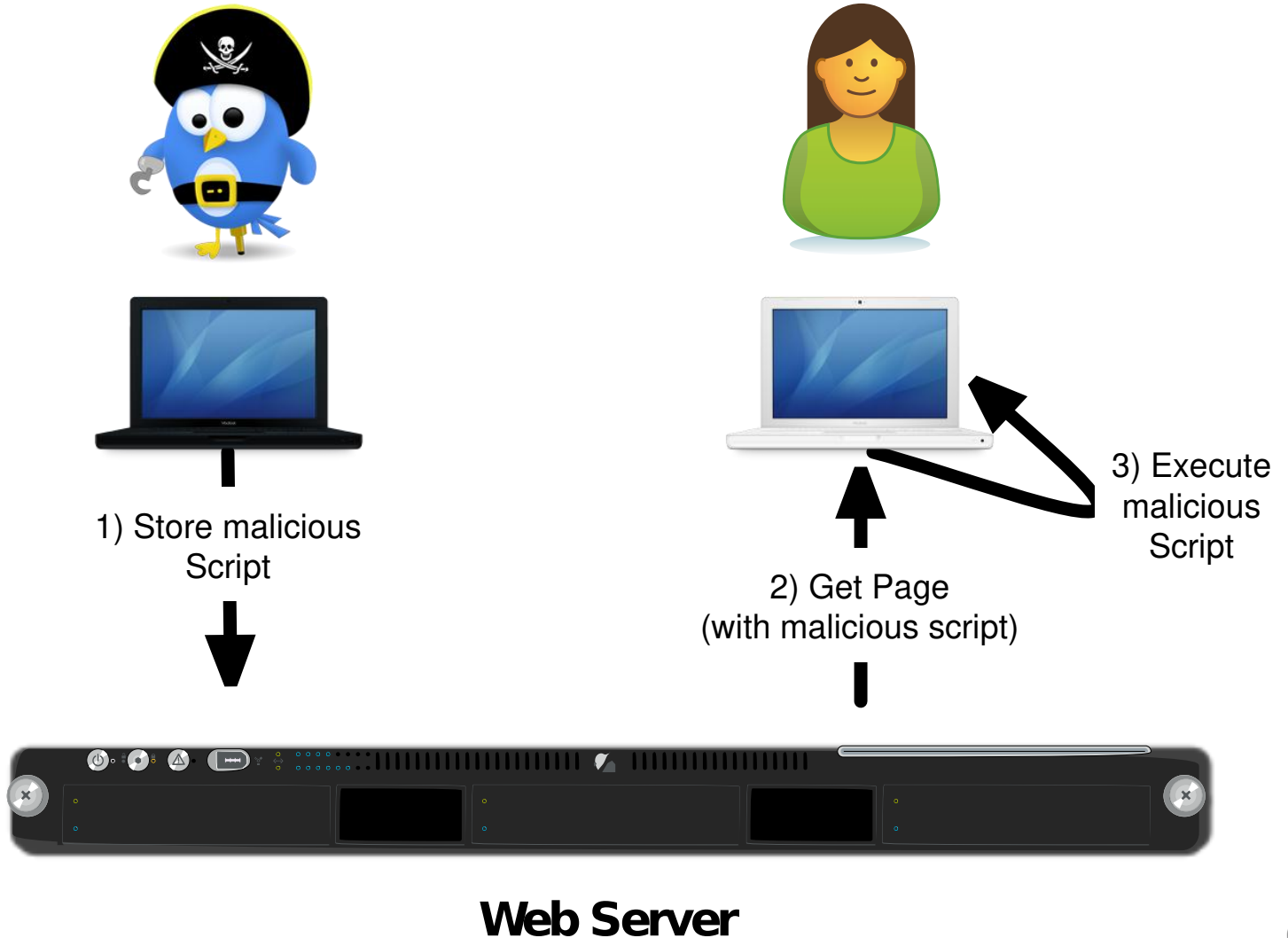
- Media tags: img, video, canvas

```
</img>
```

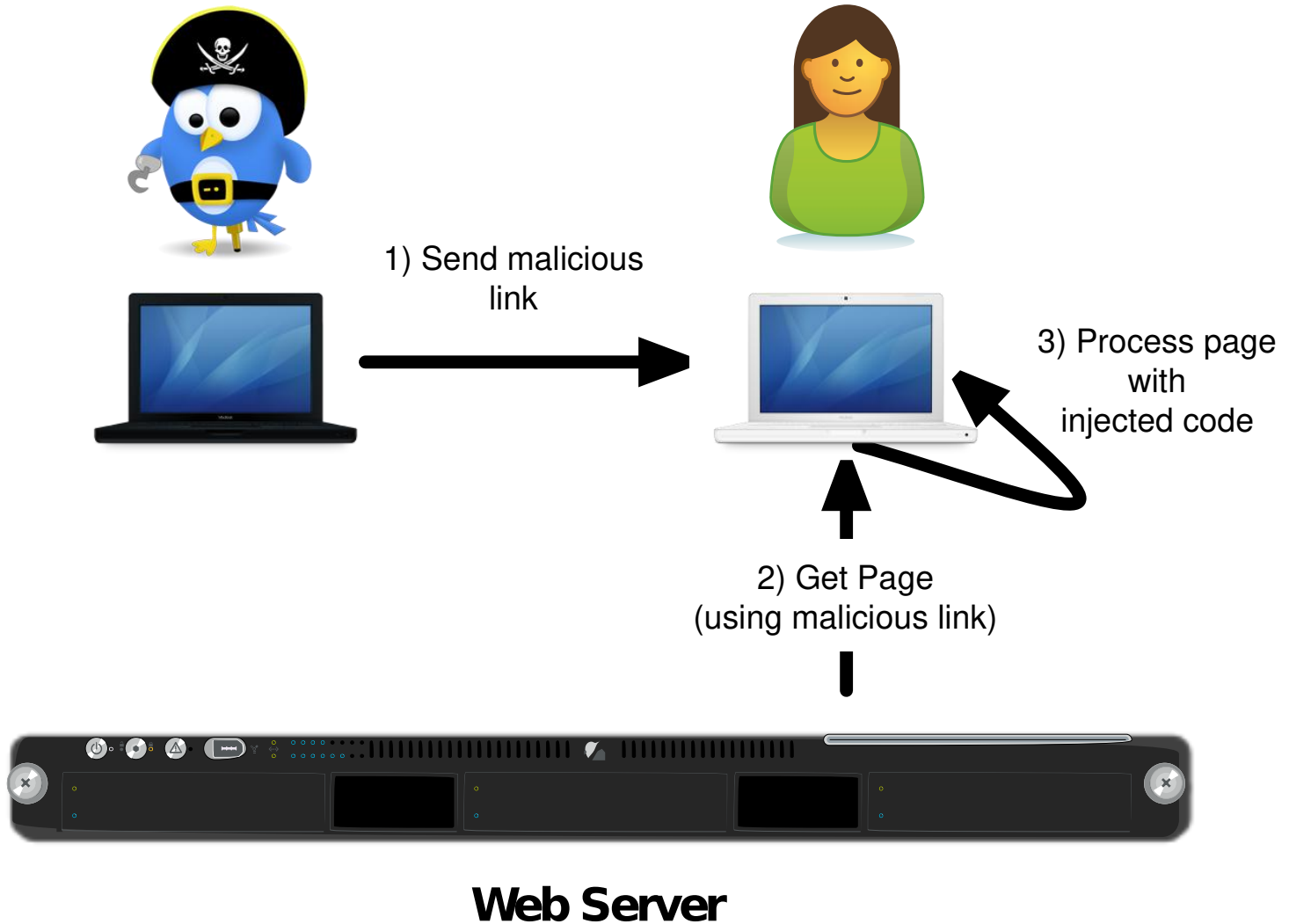
URLs:

```
http://foo.bar/index.php?search=<script>alert('hi')</script>
```

# Stored XSS



# Reflected XSS



# Cross Site Request Forgery

