

Working with the CGI module

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Where to find info

- www.cpan.org
- <http://cpan.uwinnipeg.ca>
- Many tutorials on the internet

- For the following slides let's assume:
use CGI;
\$q = new CGI;

CREATING STANDARD HTML ELEMENTS

```
print $q->blockquote(
    "Many years ago on the island of",
    $q->a({href=>"http://crete.org/";}, "Crete"),
    "there lived a dude named",
    $q->strong("Fred."), ),
    $q->hr;

<blockquote>
Many years ago on the island of <a
href="http://crete.org/">Crete</a> there lived a dude
named <strong>Fred.</strong> </blockquote>
<hr>
```

Can use a namespace instead of using object syntax

```
use CGI ':standard';
print blockquote(
    "Many years ago on the island of",
    a({href=>"http://crete.org/";}, "Crete"),
    "there lived a dude named",
    strong("Fred."), ),
    hr;
```

Using HTML Shortcuts

```
print hr;
<hr>
print h1("Chapter", "1");
<h1>Chapter 1</h1>

print a({-href=>'fred.html', -target=>'_new'}, "Open a
new frame");
<a href="fred.html", target="_new">Open a new frame</a>

print img {src=>'fred.gif', align=>'LEFT'};

```

Distributive Property: distributed across each element of the list

```
print ul(
    li({-type=>'disc'}, ['Sneezy', 'Doc', 'Sleepy', 'Happy'])
);

<ul>
<li type="disc">Sneezy</li>
<li type="disc">Doc</li>
<li type="disc">Sleepy</li>
<li type="disc">Happy</li>
</ul>
```

Distributive Property: distributed across each element of the list

```
print table({-border=>undef},
  caption("When Should You Eat Your Vegetables?"),
  Tr({-align=>CENTER,-valign=>TOP},
  [
    th(['Vegetable', 'Breakfast', 'Lunch', 'Dinner']),
    td(['Tomatoes', 'no', 'yes', 'yes']),
    td(['Broccoli', 'no', 'no', 'yes']),
    td(['Onions', 'yes', 'yes', 'yes'])
  ]
  )
);
```