XHP

HHVM ve Hack

```
echo <div>Hello world</div>;
```

HXP

- PHP eklentisi (PHP 5'te ve Hack'te çalışıyor)

- HHVM'in alt projesi; ama aslında bir kütüphane

Hack

- PHP dialekti

  - Types: Tür denetimi

  - Collections (Immutable and Mutable)

  - XHP

  - Async

```
$href = "http://cnn.com";
echo <a href={$href}>A link to CNN</a>;
```

Otomatik Kaçış (Escaping)

```php
<?php
echo '<div>Hello
'.htmlspecialchars($_GET['name']).'</div>';
```

```
<?hh
echo <div>Hello {$_GET['name']}</div>;
```

```php
$items = ["Ustun", "Ahmet", "Mehmet"];

$list = <ul />;
foreach ($items as $item) {
  $list->appendChild(<li>{$item}</li>);
}

echo $list;
```

```
class :helloworld extends :x:element {
    public function render () {
        return <div>Hello World from XHP</div>;
  }
}


echo <helloworld/>;
```

```
class :greeting extends :x:element {
    public function render () {
        return <div>
        This is the parent component
        <helloworld/>
        <helloworld/>
        </div>;
    }
}

echo <greeting/>;
```

```
class :helloperson extends :x:element {
    attribute string name = "No Name";

    public function render () {
        $name = $this->getAttribute('name');
        return <div>Hello {$name}</div>;
    }
}


echo <helloperson/>;

echo <helloperson name="Ustun"/>;
```

```
class :people extends :x:element {

    attribute array names = ["Ali", "Ayse"];

    public function render() {
        $names = $this->getAttribute('names');
        $list = <ul />;

        foreach ($names as $name) {
            $list->appendChild(<li><helloperson name={$name}/></li>);
        }

        return $list;

    }

}


echo <people/>;

$names = ["John", "Mary"];
echo <people names={$names}/>;
```

https://github.com/ustun/
xhp-getting-started