

Prototypes & “Method Types”

Method Shorthand

```
class Person {
  greet() {
    console.log('Hello');
  }
}
```

Assigned to Person's prototype and hence shared across all instances (NOT re-created per instance).

Property Function

```
class Person {
  greet = function() { ... }
  constructor() {
    this.greet2 = function() { ... }
  }
}
```

Assigned to individual instances and hence re-created per object. `this` refers to “what called the method”.

Property Arrow Function

```
class Person {
  greet = () => { ... }
  constructor() {
    this.greet2 = () => { ... }
  }
}
```

Assigned to individual instances and hence re-created per object. `this` always refers to instance.

Unnecessary re-creations of function can cost performance!