

What is Prototypal inheritance



If we have user object with some property and methods, and we want to create a admin which have same functionality as of user and add some more property into it, then Prototypal inheritance helps us to do that

In JavaScript, all objects have a hidden `[[Prototype]]` property that's either another object or null That object is called “a prototype”:

We can set prototype like this



```
const objA = {  
  a: "a"  
}
```

```
const objB = {  
  b: "b"  
}
```

```
objA.__proto__ = objB
```

It would look like this

```
> objA
```

```
< ◀ {a: 'a'} ⓘ
```

```
  a: "a"
```

```
  ▼ [[Prototype]]: Object
```

```
    b: "b"
```

```
    ► [[Prototype]]: Object
```


We can use
`obj.__proto__` to
access it

```
objA.__proto__
```

```
▶ {b: 'b'}
```

The object referenced
by `[[Prototype]]` is
called a “prototype”.

If we want to read a property of obj or call a method, and it doesn't exist, then JavaScript tries to find it in the prototype.