JavaScript Prototype

In javascript a prototype is a mechanism for object inheritance. Every object in javascript has a associated prototype, which is essentially a reference to another object.

When we access a property or method on a object, javascript checks if the object has that property or method. If it doesn’t find it, it looks up the prototype chain to find it in the prototype object.

This chaining of prototypes allows objects to inherit properties and methods from other objects, forming a hierarchy of object.

Prototype inheritance

When we access a property or method on a object, javascript first checks if that property or method exist on the object itself. If it doesn’t, it looks up the prototype chain until it finds the property or method or reaches the end of chain.

Array Object null

String

function