

ES6 Advanced

Duration: 8 hours :

Better Unicode Support

The Regular Expression u Flag

Other String Changes

Methods for Identifying Substrings

The repeat() Method

Other Regular Expression Changes

The Regular Expression y Flag

Duplicating Regular Expressions

The flags Property

Template Literals

Basic Syntax

Multiline Strings

Making Substitutions

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Functions with Default Parameter Values

How Tail Calls Are Different in ECMAScript 6

How to Harness Tail Call Optimization

Object Categories

Enhancements for Prototypes

Changing an Object's Prototype

Easy Prototype Access with Super References

A Formal Method Definition

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Why Is Destructuring Useful?

Object Destructuring

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Assigning to Different Local Variable Names

Nested Object Destructuring

Array Destructuring

Destructuring Assignment

Default Values

Nested Array Destructuring

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Default Values for Destructured Parameters

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Maps in ECMAScript 6

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What Are Generators?

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Generator Object Methods

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NodeList Iterators

The Spread Operator and Nonarray Iterables

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Passing Arguments to Iterators

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Delegating Generators

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A Simple Task Runner

Task Running with Data

An Asynchronous Task Runner

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A Basic Class Declaration

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Prototype Proxy Traps

How Prototype Proxy Traps Work

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Blocking Object.defineProperty()

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Overriding Abstract Base Class Constructors

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Detecting Array Indexes

Increasing length When Adding New Elements

Deleting Elements When Reducing length

Implementing the MyArray Class

Using a Proxy as a Prototype

Using the get Trap on a Prototype

Using the set Trap on a Prototype

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Proxies as Prototypes on Classes