CSS Preprocessor Setup

Paul Cheney
SPARTAN DESIGN UNIVERSITY

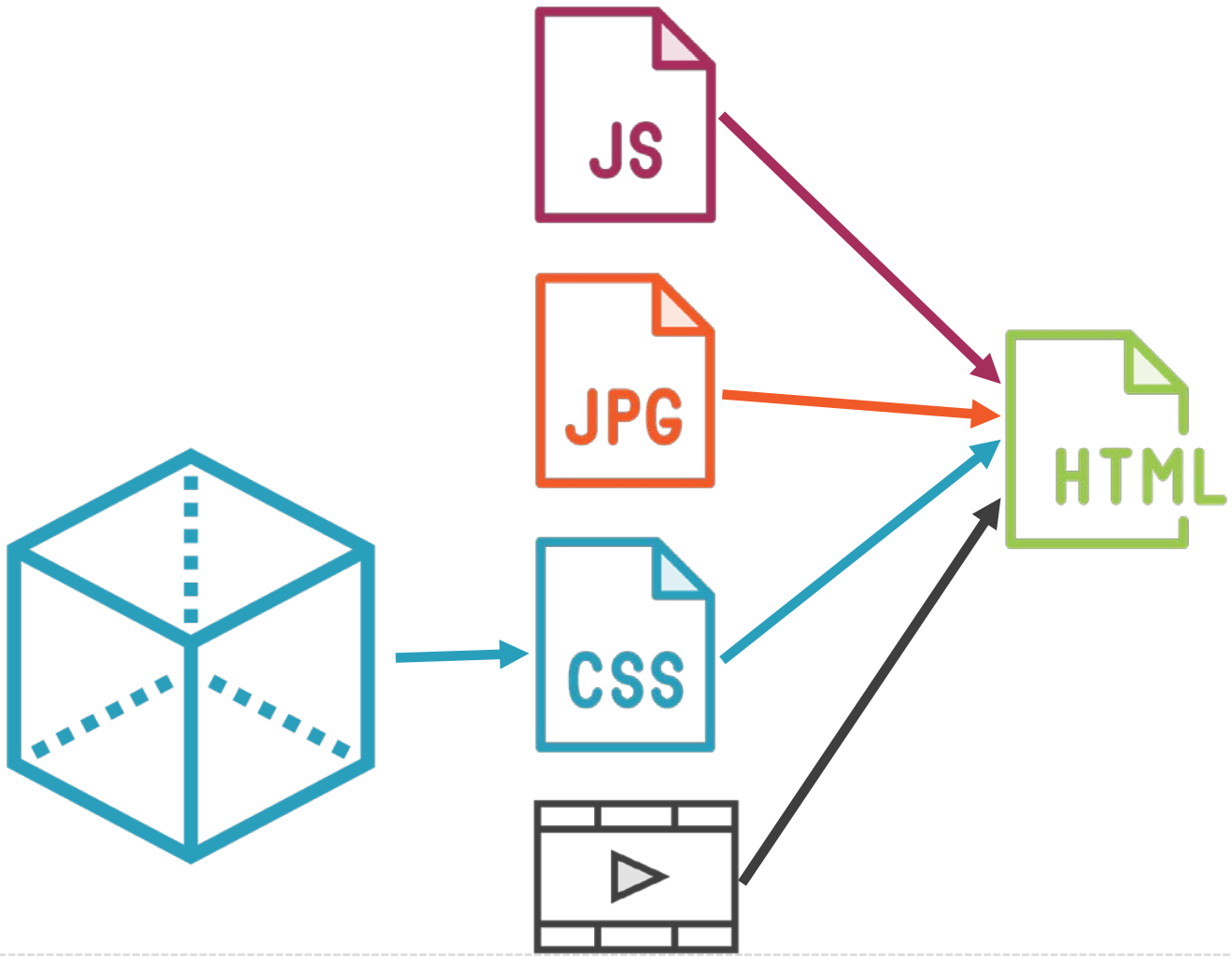
spartandesignuniversity.com

Agenda

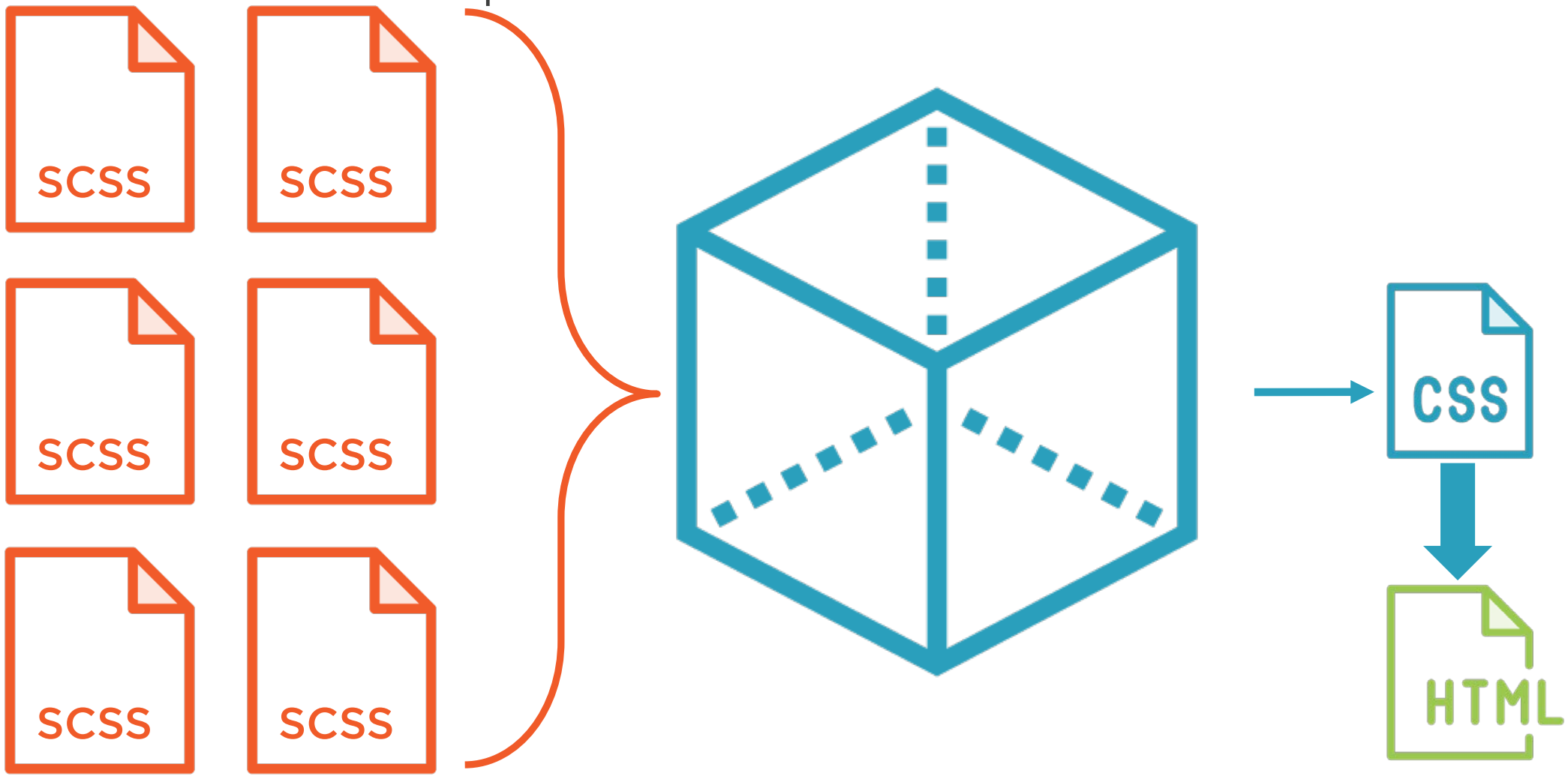
- Workflow
- File Structure
- Engine
- Partials, Imports, Variables

CSS Preprocessor Workflow

- Imports
- Partials
- Nesting
- Variables
- Loops
- Functions
- Operators

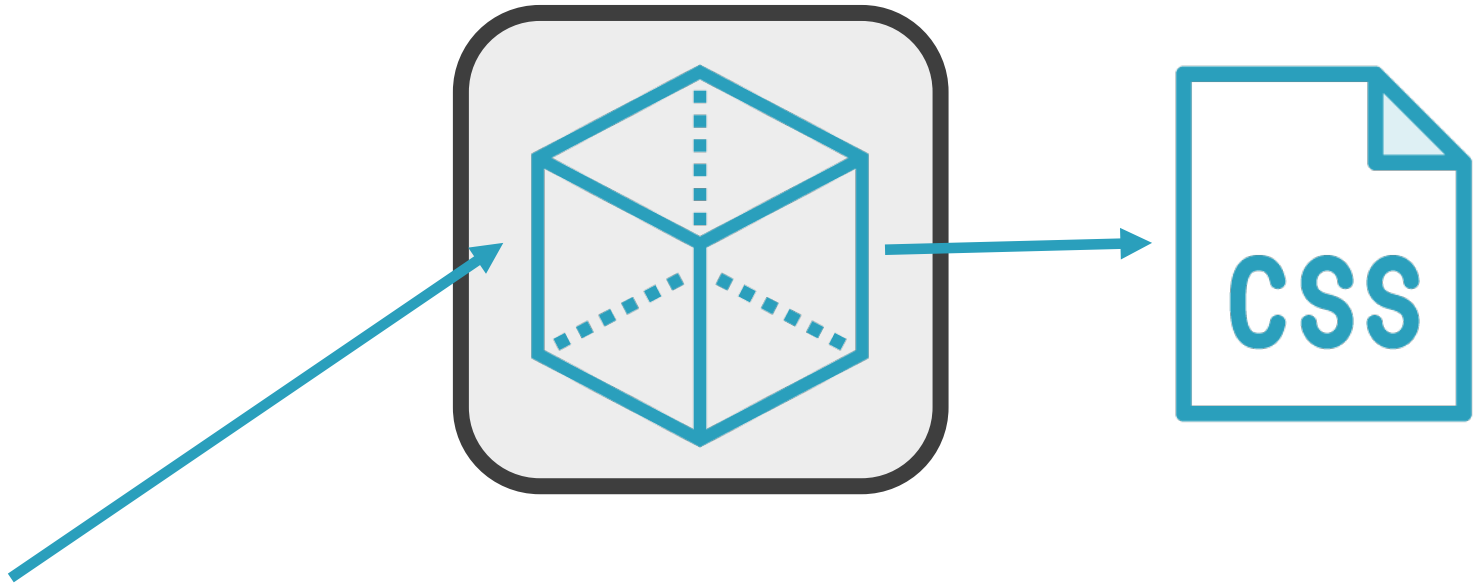


CSS Preprocessor File Structure



CSS Preprocessor Engine

- Imports
- Partials
- Nesting
- Variables
- Loops
- Functions
- Operators



Reduce HTTP Requests

```
<!-- STYLE SHEETS -->
    <link href="css/reset.css" rel="stylesheet">
    <link href="css/small-default.css" rel="stylesheet">
    <link href="css/medium.css" rel="stylesheet">
    <link href="css/large.css" rel="stylesheet">
```

This page has 4 external stylesheets. Try combining them into one.

Decreasing the number of components on a page reduces the number of HTTP requests required to render the page, resulting in faster page loads. Some ways to reduce the number of components include: combine files, combine multiple scripts into one script, combine multiple CSS files into one style sheet, and use CSS Sprites and image maps.

»Read More

Modify our Template

Create a new SCSS folder
Move files from css to scss folder
rename files with underscore and scss extension
Create an import file
load in Koala
Set output path to css folder
change link in HTML page
Introduce variables partial with a sample variable

Summary

Workflow

File Structure

Engine

Introduction

Build a Start File

Semantic Markup

CSS Preprocessors

Auto Dealership Structure

Auto Dealership Content

Modify the Design and Testing