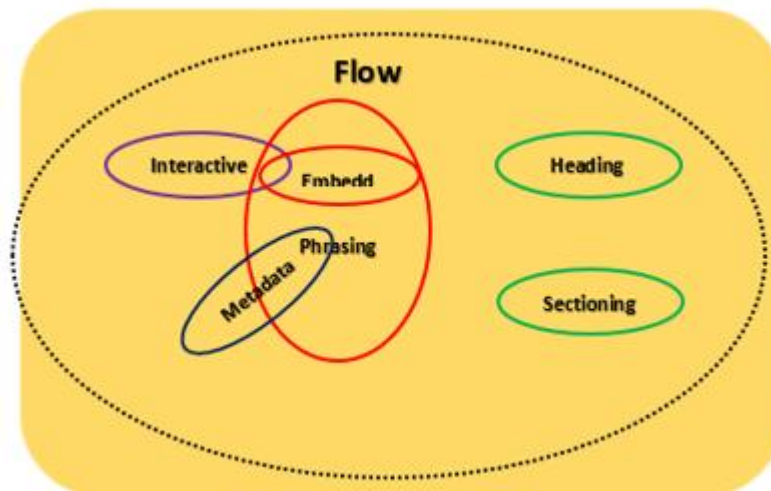## CONTENT CATEGORIES

- Normally, HTML elements follows by the rules describe what kind of content.
- These rules are combined into content models.
- Generally, HTML elements belongs to zero, one or multiple content models

Types of Content Categories

- Main Content Categories
- Transparent Content Categories
- Form-Related Content Categories
- Specific Content Categories

Main Content Categories

- Familiar content models distributed by many elements.

Methods of Main Content Categories

Metadata Content

- Metadata content category changes the **appearance or behavior** of the html document.
- It's having links to other documents, or convey other out of band information.
- Some of the metadata content category tags are <base>,<command>, <link>,<meta>,<noscript>,<script>,<style> and <title>

Flow Content

- The flow content category elements which contain **text or embedded content.**
- Some of the flow content category tags are <a>, <abbr>, <address>, <article>, <aside>, <audio>, <b>,<bdo>, <bdi>, <blockquote>, <br>, <button>, <canvas>, <cite>, <code>, <command>, <data>, <datalist>, <del>, <details>, <dfn>, <div>, <dl>, <em>, <embed>, <fieldset>, <figure>, <footer>, <form>, <h1>, <h2>, <h3>, <h4>, <h5>, <h6>, <header>, <hgroup>, <hr>, <i>, <iframe>, <img>, <input>, <ins>, <kbd>, <keygen>, <label>, <main>, <map>, <mark>, <math>, <menu>, <meter>, <nav>, <noscript>, <object>, <ol>, <output>, <p>, <pre>, <progress>, <q>, <ruby>, <s>, <samp>, <script>, <section>, <select>, <small>, <span>, <strong>, <sub>, <sup>, <svg>, <table>, <template>, <textarea>, <time>, <ul>, <var>, <video>, <wbr>

Sectioning Content

- Sectioning content category defines a part of the **present outline** that defines the scope of **<header> elements, <footer> elements, and heading content.**
- Some of the sectioning content category tags are <article>,<aside>, <nav> and <section>.

Heading Content

- Heading content category specifies the **title of a section**, whether marked by an outside **sectioning content element** or inside defined by the **heading content itself.**
- Some of the heading content category tags are <h1>,<h2>,<h3>,<h4>, <h5>,<h6> and <hgroup>

Phrasing Content

- Phrasing content category specifies the **text** of the html document and mark-up which contains.
- Runs of phrasing content create paragraphs.
- Some of the phrasing content category tags are <abbr>, <audio>, <b>, <bdo>, <br>, <button>, <canvas>, <cite>, <code>, <command>, <datalist>, <dfn>, <em>, <embed>, <i>, <iframe>, <img>, <input>, <kbd>, <keygen>, <label>, <mark>, <math>, <meter>, <noscript>, <object>, <output>, <progress>, <q>, <ruby>, <samp>, <script>, <select>, <small>, <span>, <strong>, <sub>, <sup>, <svg>, <textarea>, <time>, <var>, <video>, <wbr>

Embedded Content

- Embedded content imports **different resource** or includes the content from different mark-up language or namespace in the document.
- Some of the embedded content category tags are <audio>,<canvas>, <embed>, <iframe>, <img>, <math>, <object>, <svg>, <video>.

Interactive Content

- Interactive content category adds elements which are specially **described for user interaction.**
- Some of the interactive content category tags are <a>, <button>, <details>, <embed>, <iframe>, <keygen>, <label>, <select>, and <textarea>

Palpable Content

- A content is palpable when it's neither **blank nor hidden.**
- Whose model is **flow or phrasing content**, which have at least one node which is palpable.

Form-associated Content

- Form-associated content contains elements which have a **form owner**, defined by a **form attribute**.
- Some of the form attributes are <button>,<fieldset>,<input>, <keygen>,<label>,<meter>,<object>,<output>,<progress>, <select>,<textarea>
- This category having a several sub-categories
  - ➢ Listed
  - ➢ Labelable
  - ➢ Submittable
  - ➢ Resettable

Transparent Content Categories:

- Contents must be defined properly.
- It should be valid in HTML 5.
- If transparent element were eliminated and recovered by child element.

Form-Related Content Categories:

- Content models familiar to structure-related elements.

Specific Content Categories:

- Unusual categories distributed only by a few elements, frequently only in an exact context.