document object model: object models

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these object models are...

incomplete
› actual OM is too big to show

inconsistent
› show URI as a type or as string?

incorrect
› likely to contain some errors

... but hopefully useful
› to help you get a sense of what’s there
› to show how you can make your own OMs for the DOM
window, document, elements

notes
› in standard API, URI is string
› activeElement (HTML5): illustrates dynamic component
element traversal

nodes & elements

- not all document components are elements
- `nextElementSibling` skips non-elements, cf. `nextSibling`
style is an object distinct from class name
attributes include, eg, name, id, style
tag, class and id are most widely used ways to find elements
particular elements

- just an example
- many other elements like this with specific properties
events & types

- this OM classifies events, not event types
- hence button relation
what textual constraint applies here?

note that events are associated with function activations