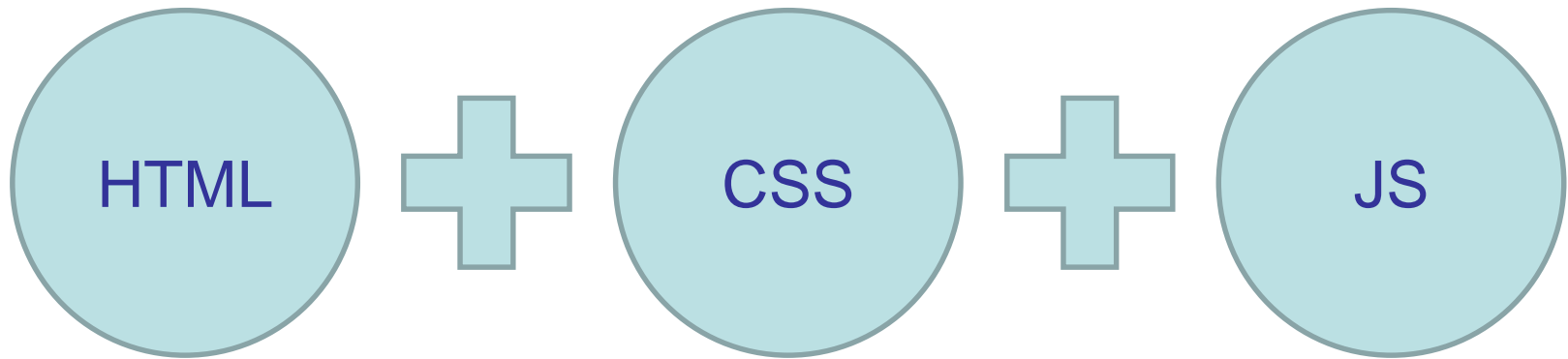


What is front-end



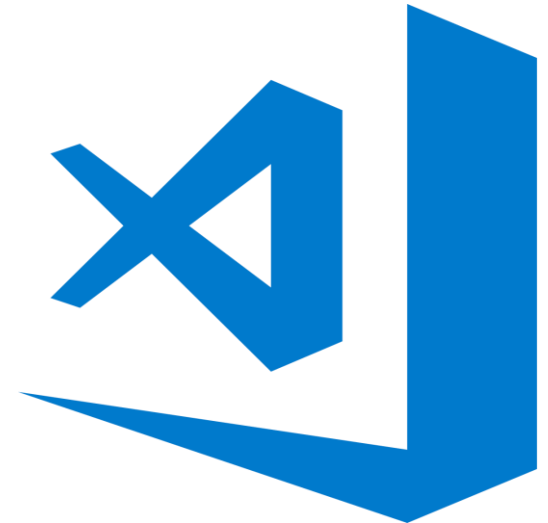
- ✓ 1991 – HTML 1.0
- ✓ 1994 – HTML 2.0
- ✓ 1996 – CSS 1, Mocha (prototype by JS)
- ✓ 1997 – HTML 3.2
- ✓ 1998 – CSS3
- ✓ ...
- ✓ 2009 – ES5
- ✓ ...
- ✓ 2012 – HTML 5, CSS 3

- ✓ HTML – ‘bones’
- ✓ CSS – ‘skin’
- ✓ JS – ‘movement’

- HyperText Markup Language
- keep on .html files
- have tree-like structure
- consist of different tag
- every tag intended to special content

Code editor redefined and optimized for building and debugging modern web and cloud applications

To download use official website - <https://code.visualstudio.com>



- Emmet takes the snippets idea to a whole new level: you can type CSS-like expressions that can be dynamically parsed, and produce output depending on what you type in the abbreviation. Emmet is developed and optimized for web-developers whose workflow depends on HTML/XML and CSS, but can be used with programming languages too.
- example:
 - `#root>div*3>p`
Change to
 - `<div id="root">`
 - `<div><p></p></div>`
 - `<div><p></p></div>`
 - `<div><p></p></div>`
 - `</div>`

- **Auto Rename Tag**
- **Beautify**
- **Live Server**
- **View in browser**
- **SpellChecker**

Ordinary element :

`<tagname> child content </tagname>` *//p,div,em...*

Empty element :

`<tagname/>` *//src...*

Sealed element :

`<tagname>` *//img,br ...*

`<tagname attributesname="attributesvalue">`

Coffee break - 5 min

- Text
- Structured text
- Tables
- Images

- P – simple paragraph
- B - bold text
- I - italic text
- TT - text like typewriter
- CITE - Create quote

H1

H2

H3

H4

H5

H6

- Table – main tag
- Caption – caption of table
- Thead – header table part
- Tbody – body table part
- Tr – table row element
- Th – table header element (tr child)
- Td – table data element (tr child)

- Ul – marked list
- Ol – numbered list
- Li – list position
- Dl – dictionary list
- Dt – dictionary term
- Dd – dictionary description

Img-tag have 4 main attributes:

- Src – source of image
- Alt – alternate text
- Width – width of image
- Height – height of image

Link-tag have next main attributes:

- Href – link reference
- Title – pop – up description
- Type – type of linked context
- Accesskey – hot-key combo for link
- Target – anchor link
- Name – name of anchor

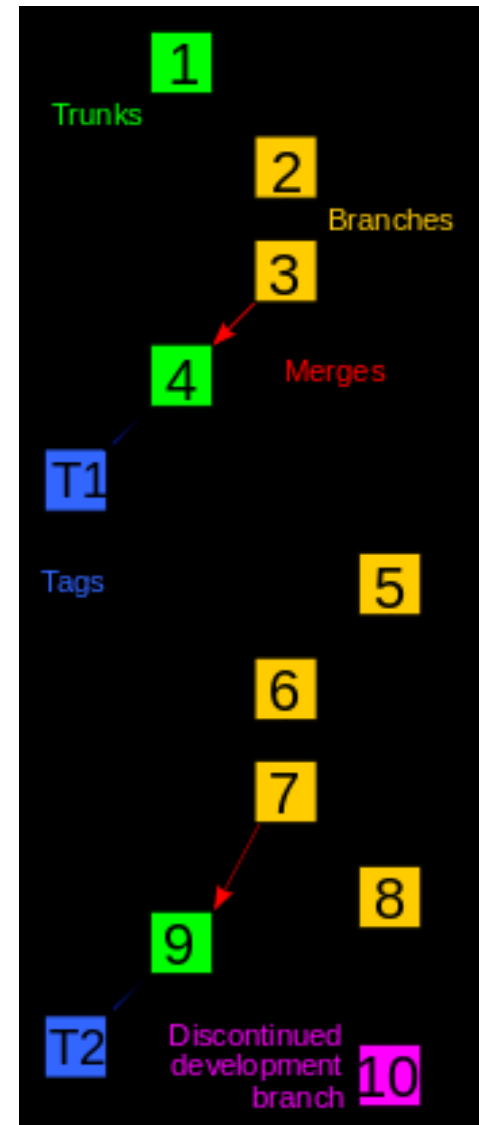
- Container to other elements
- May consist other div's
- Need to grouping elements and make the movement of the element more easily

- Container for different type of input's
- Have special attribute to send inputs content on server

Types:

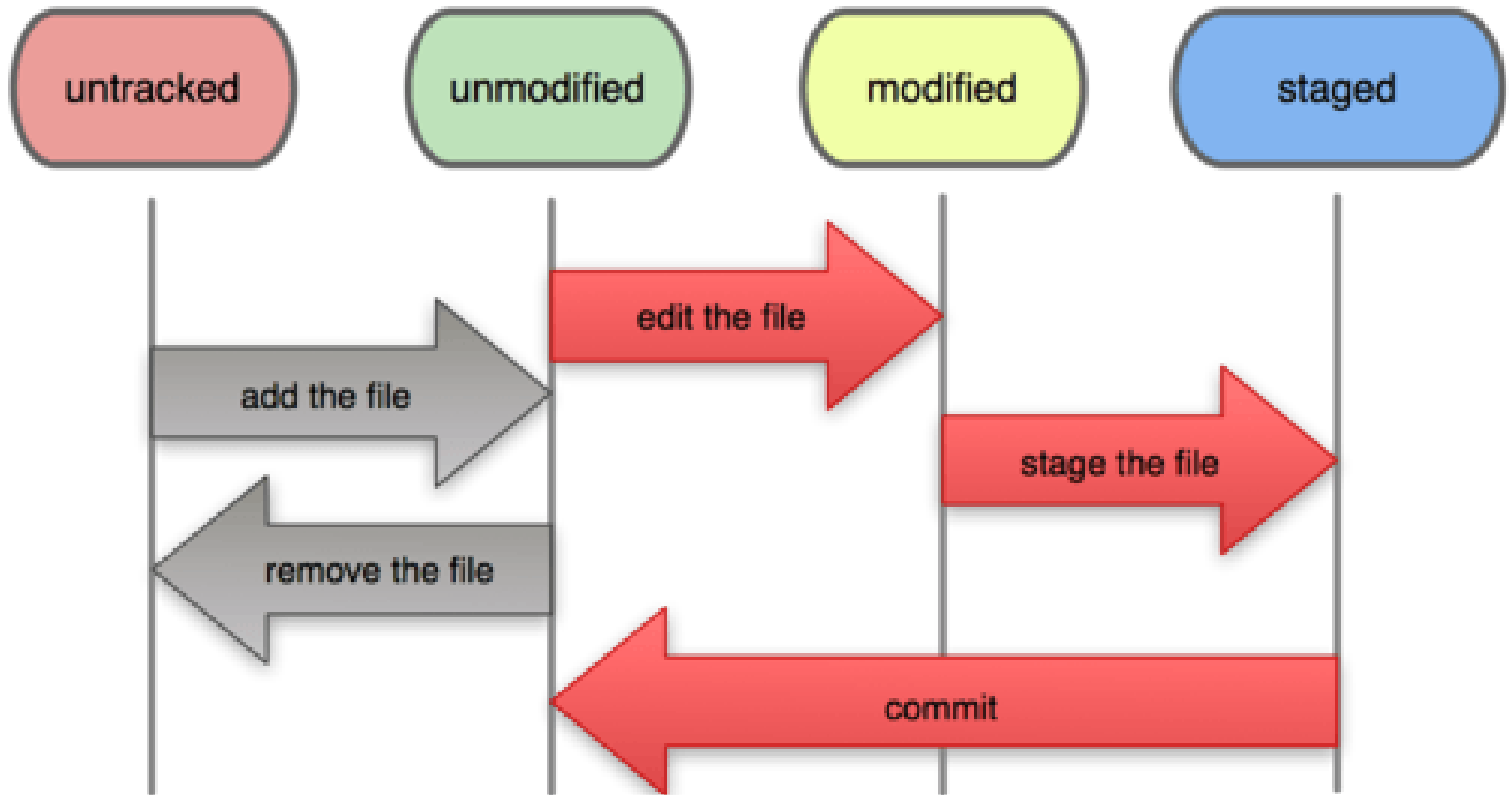
- Text – text input
- Password –text input, which don't show element. Only *
- Radio- radio button
- Checkbox – checkbox
- Hidden- input, which send own content to server but no displayed
- Button – ordinary button
- Submit – button, which submit form(submit event is prevent request on server)
- Reset – Clear form elements
- File – special field to upload file/files
- Image – button with image

- A component of software configuration management, version control, also known as revision control or source control, is the management of changes to documents, computer programs, large web sites, and other collections of information.





GIT Repo files Lifecycle



- GIT bash
- CMD/PowerShell
- GIT GUI
- CVS Tools on IDE