

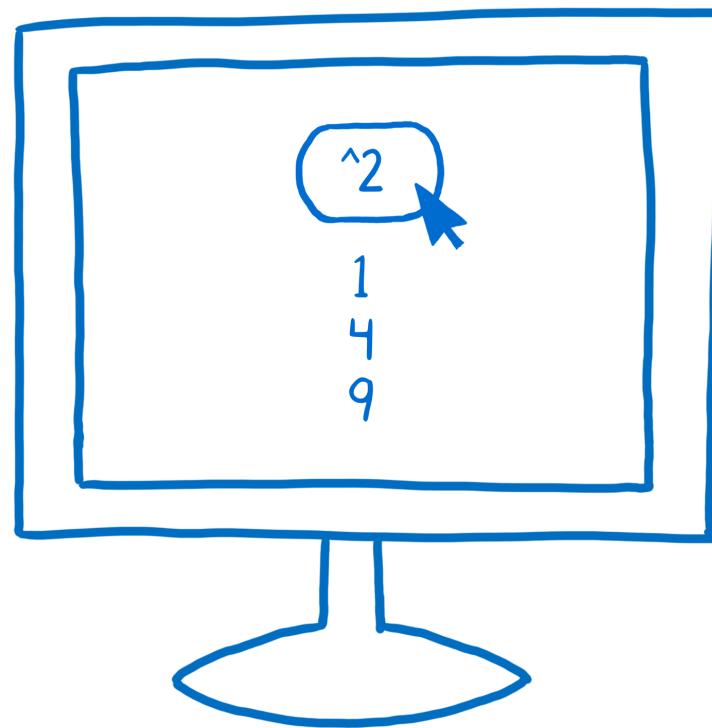
Leveling up WebAssembly itself

Going from MVP to brave new world

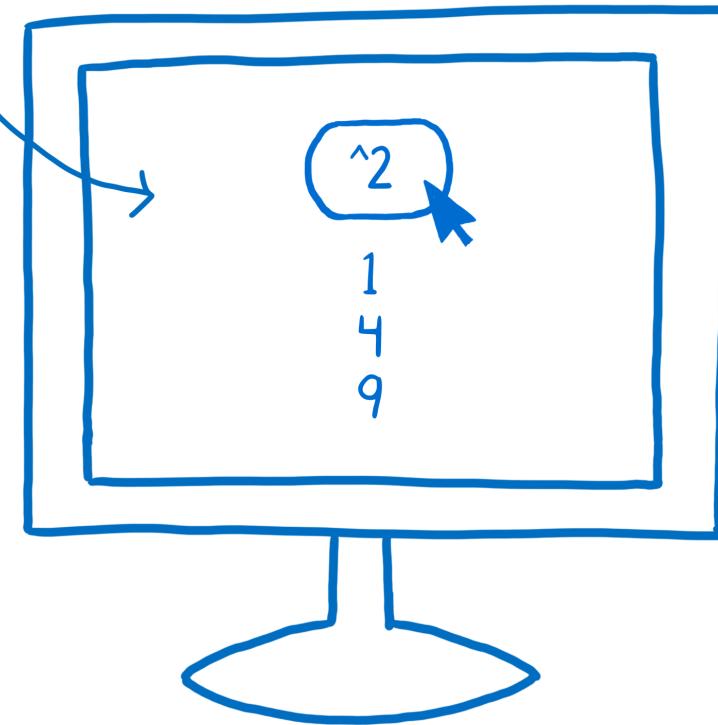
Hi, I'm @linclark and I make
@codecartoons.

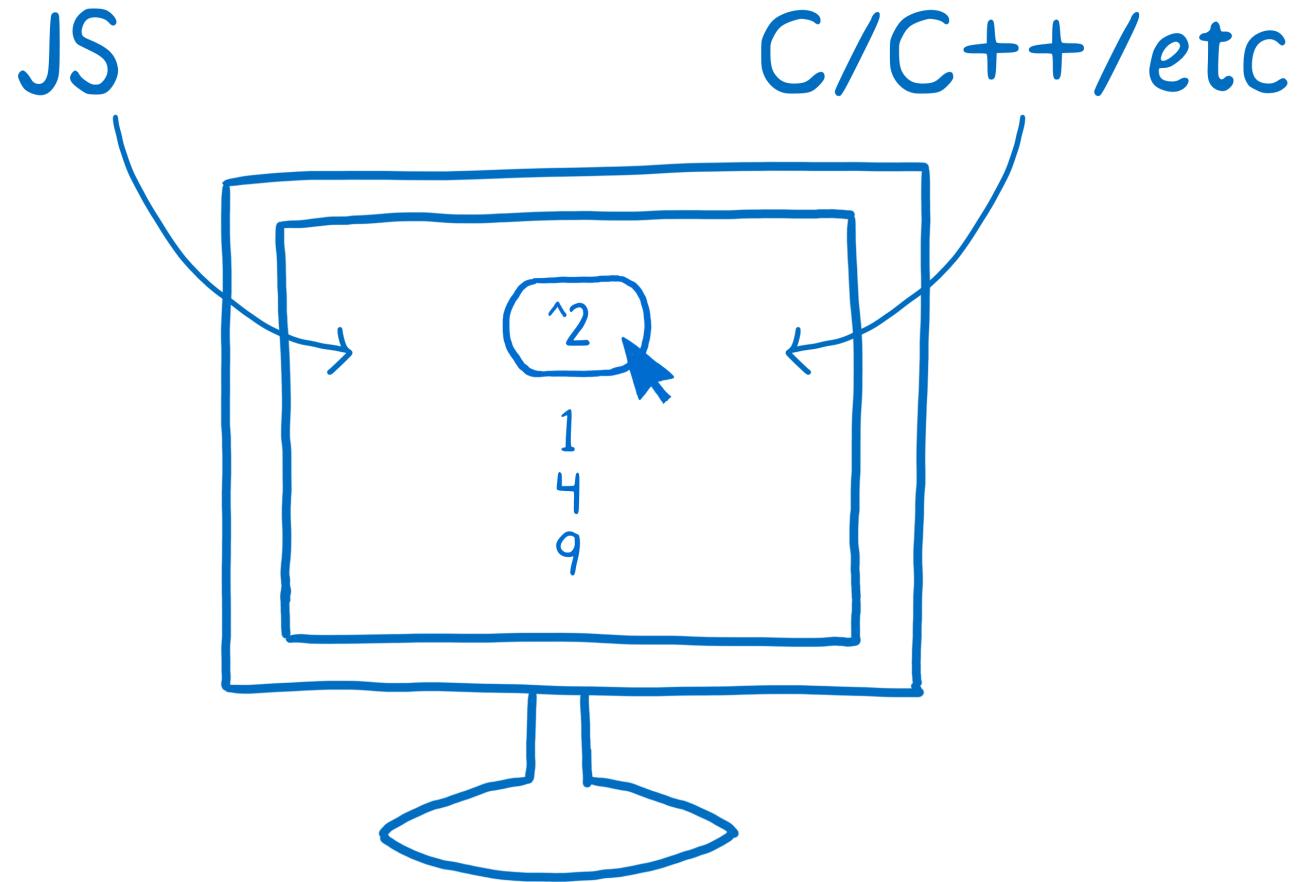


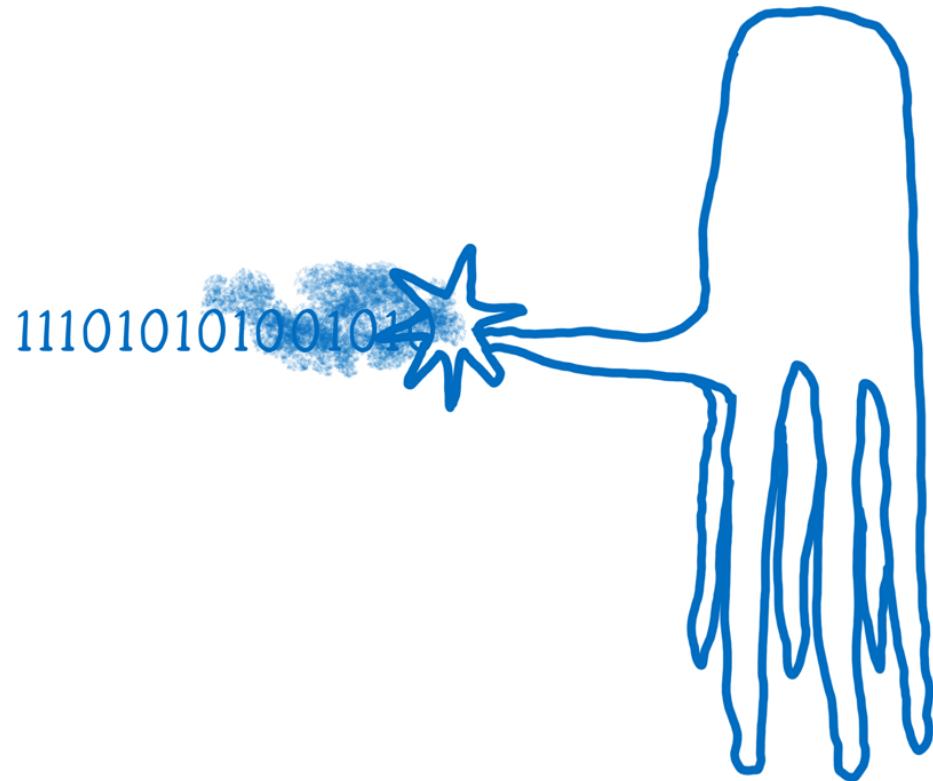
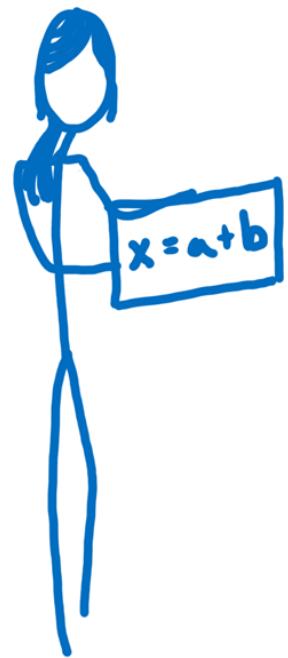
moz://a

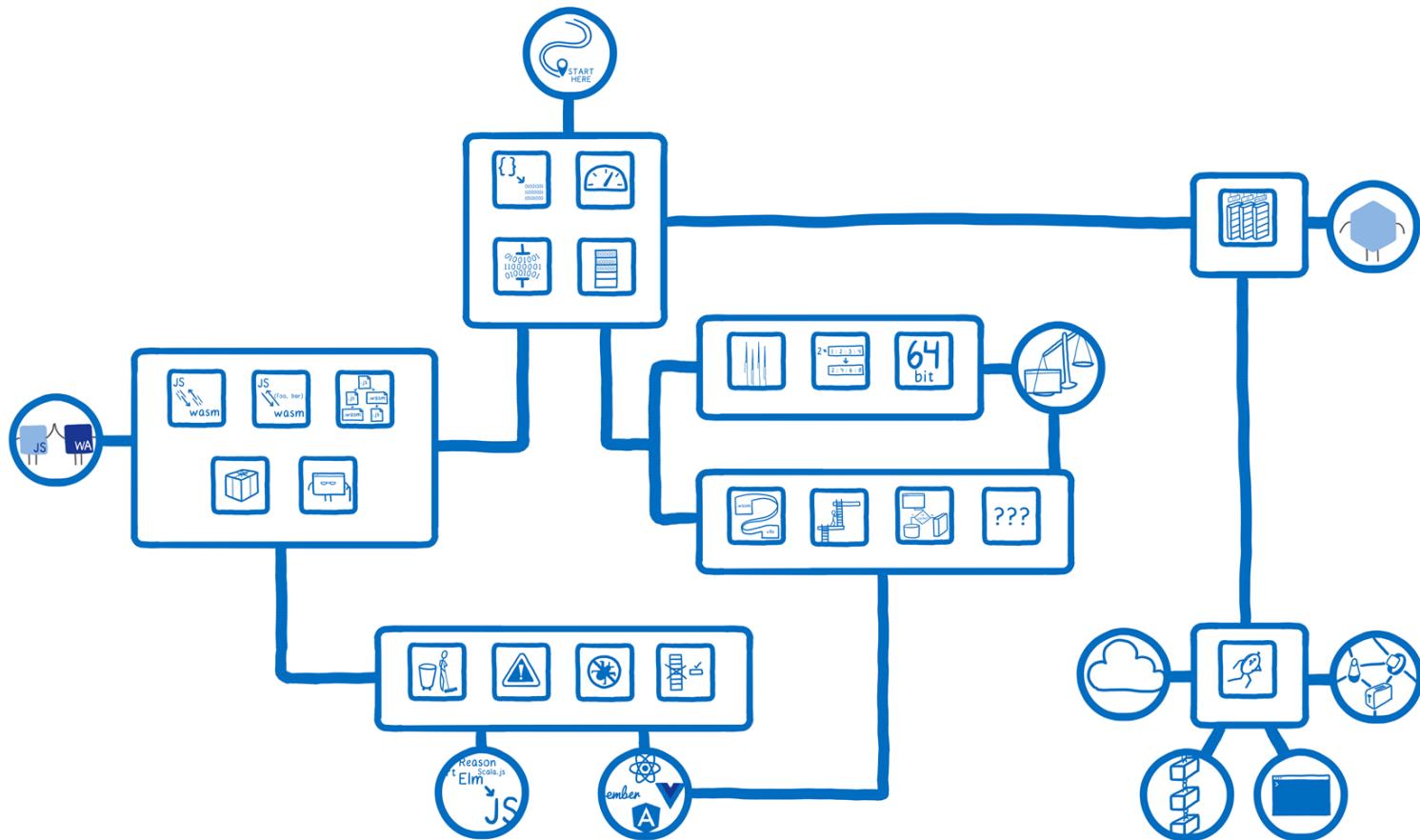


JS

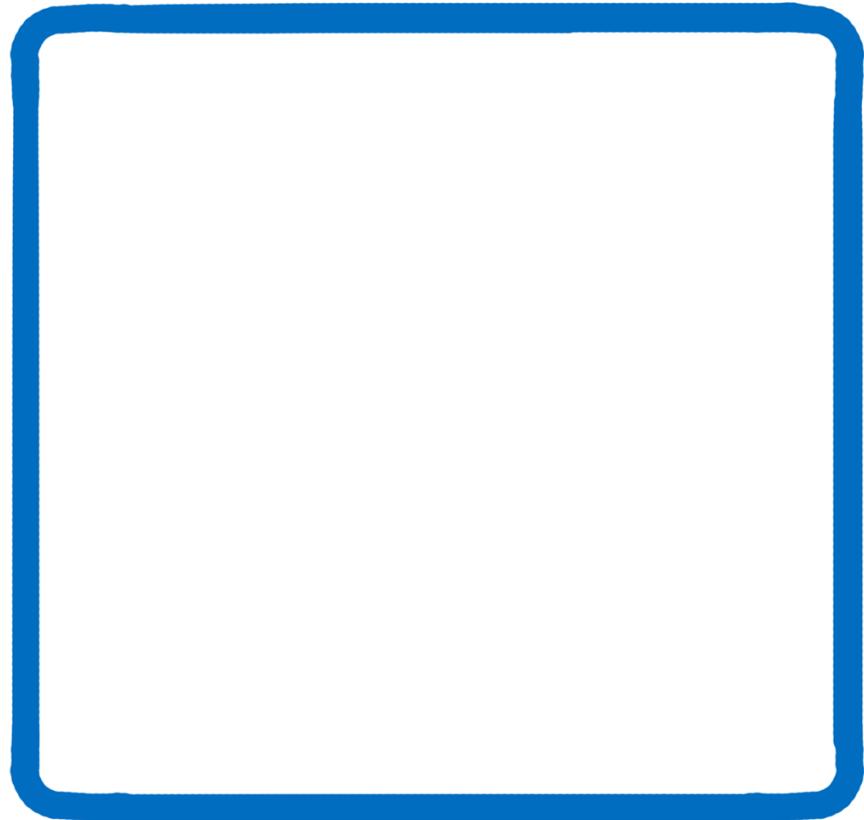




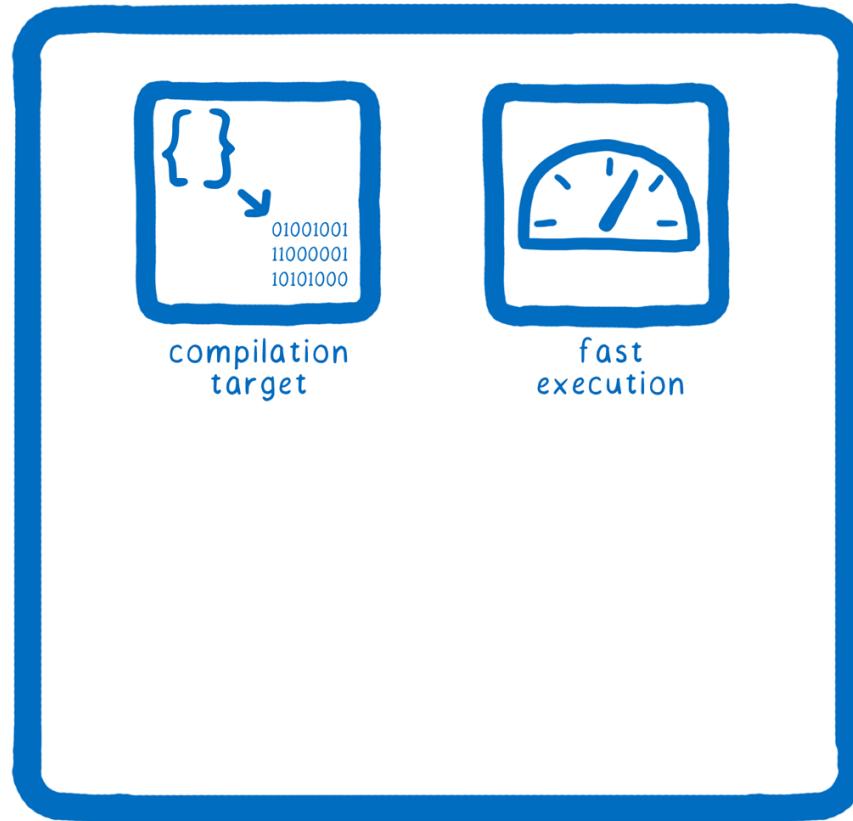


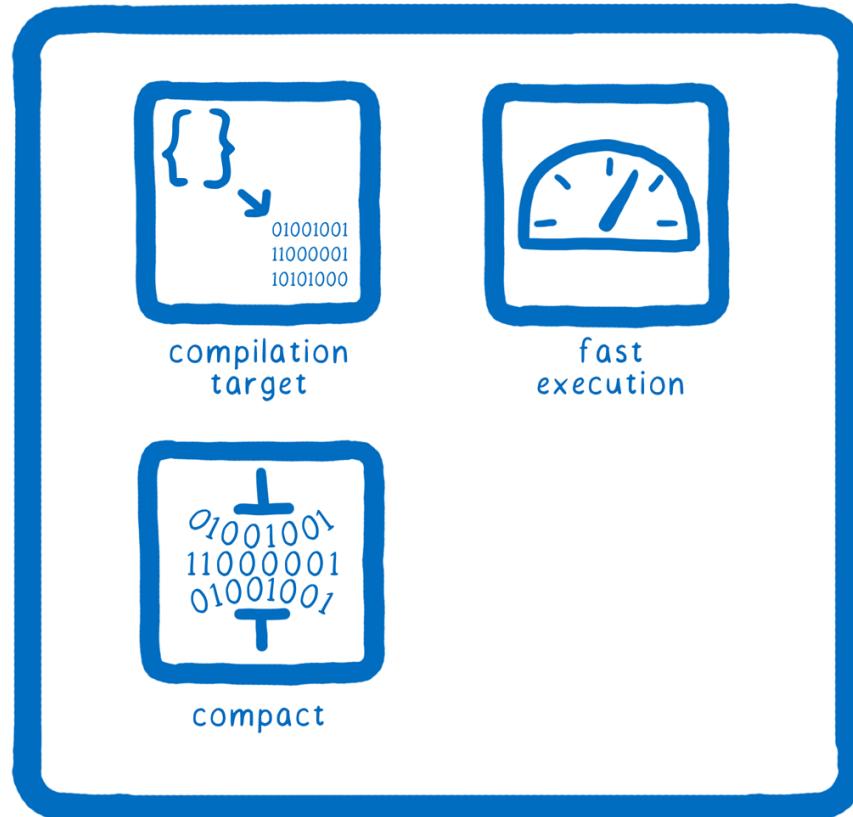


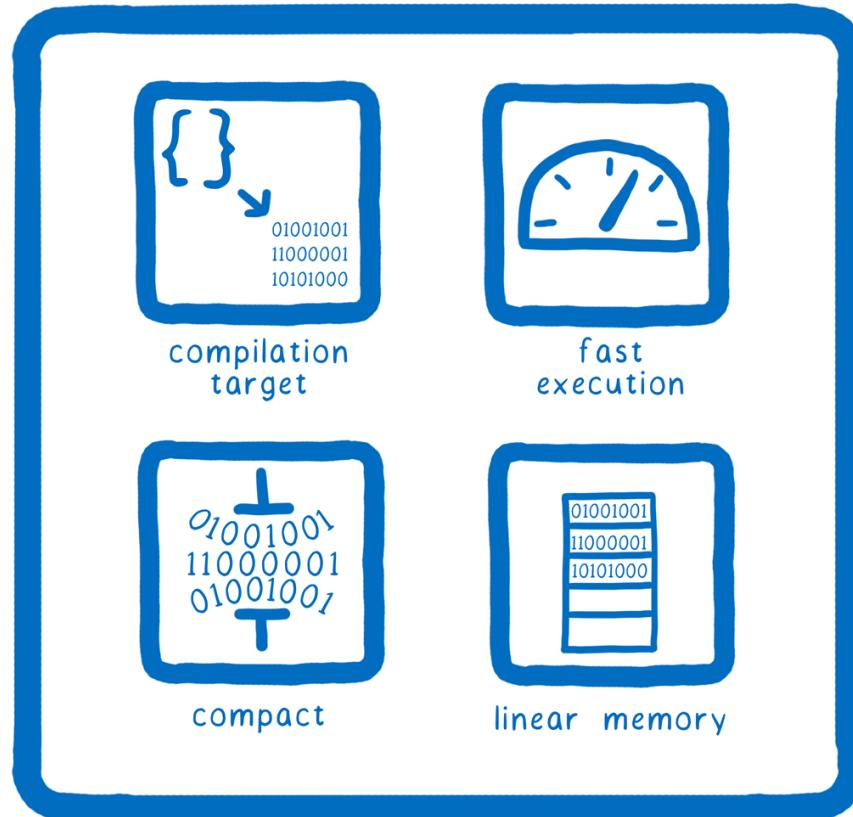


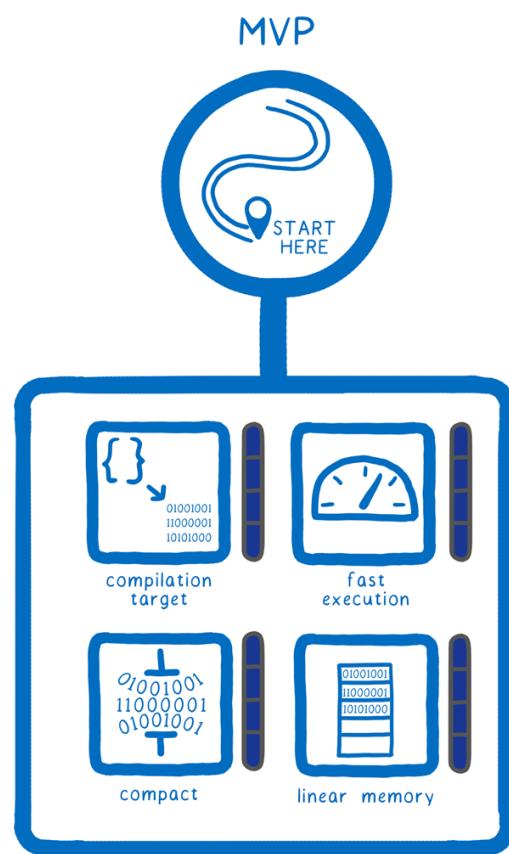


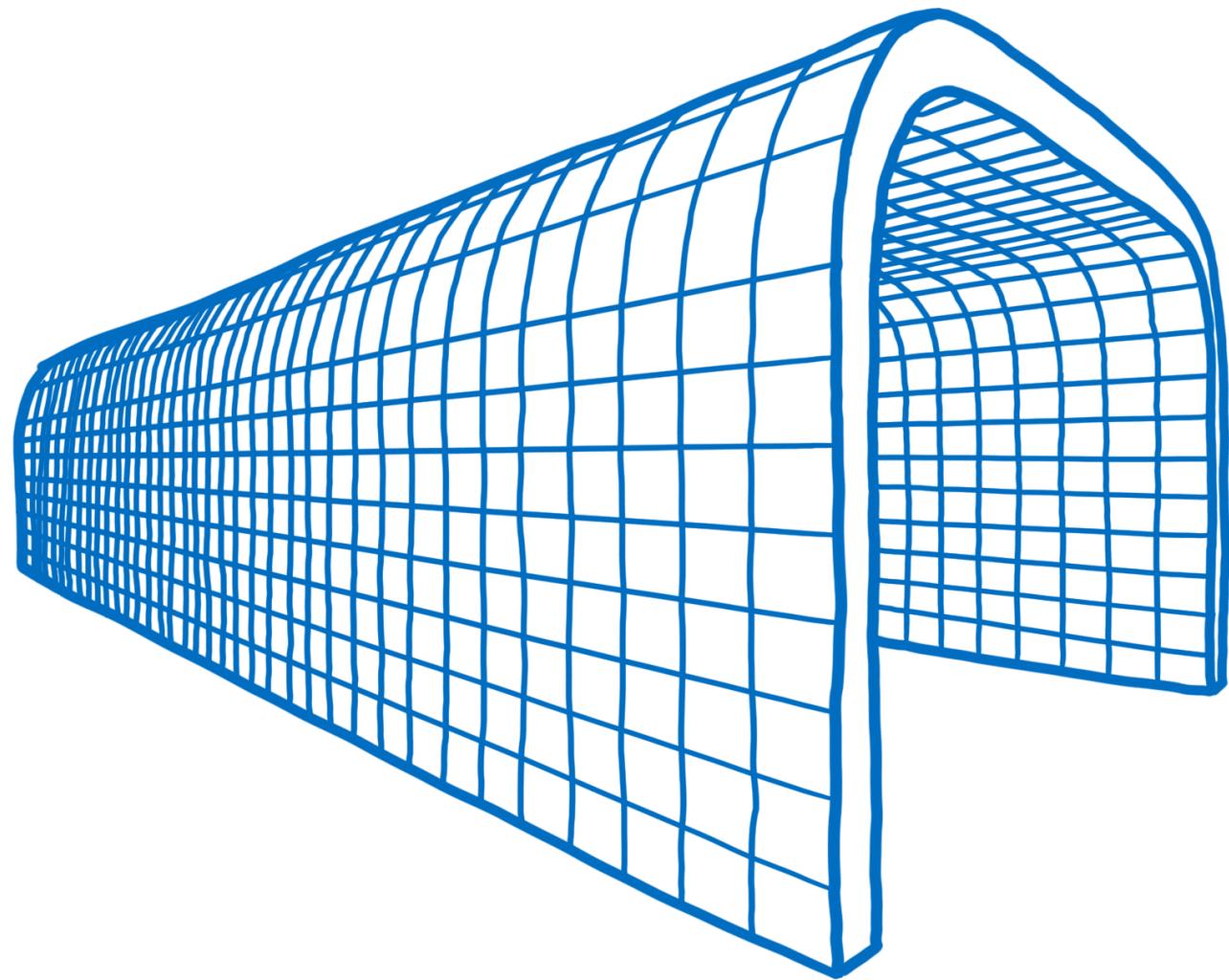










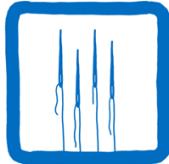




MAKING USE OF MODERN HARDWARE

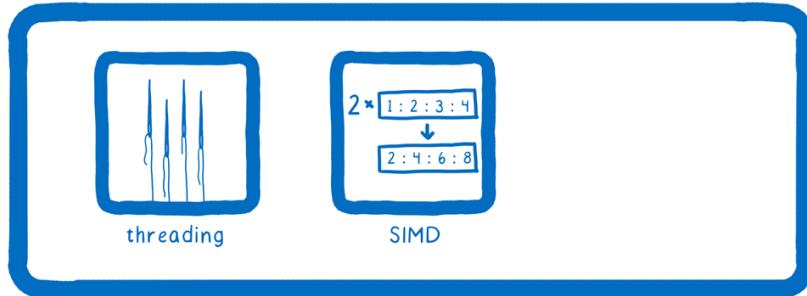


MAKING USE OF MODERN HARDWARE

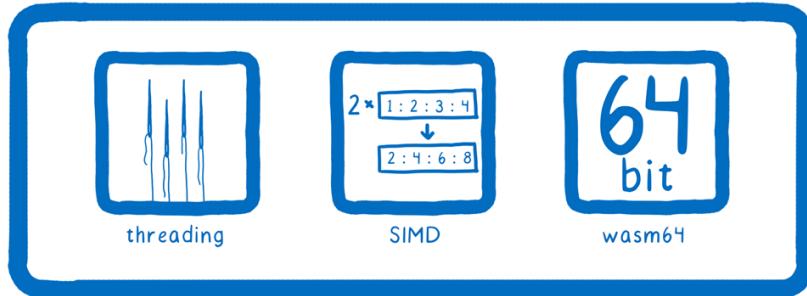


threading

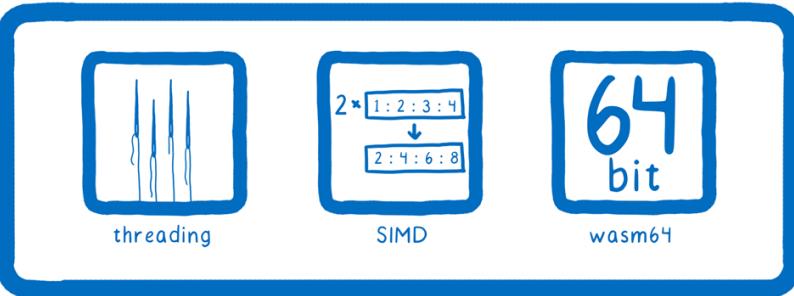
MAKING USE OF MODERN HARDWARE



MAKING USE OF MODERN HARDWARE



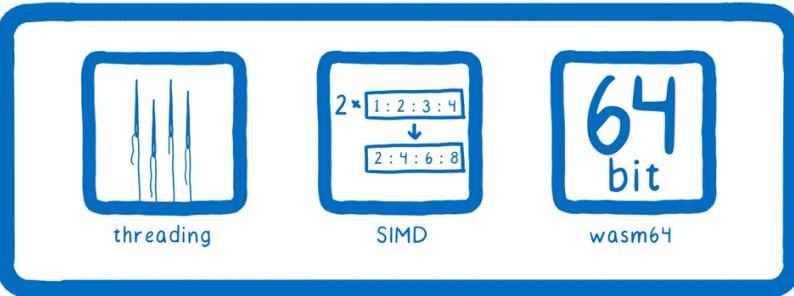
MAKING USE OF MODERN HARDWARE



LOADTIME IMPROVEMENTS



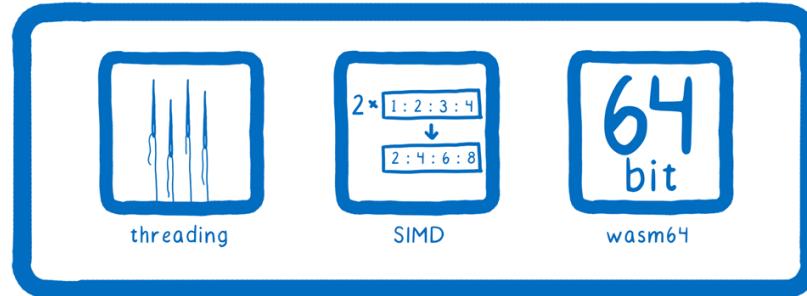
MAKING USE OF MODERN HARDWARE



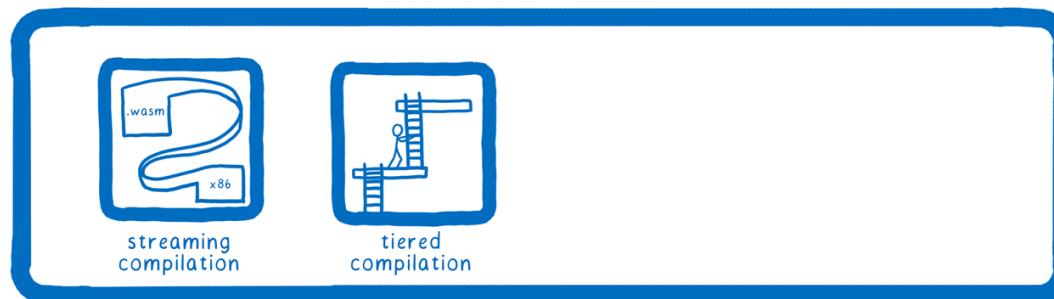
LOADTIME IMPROVEMENTS



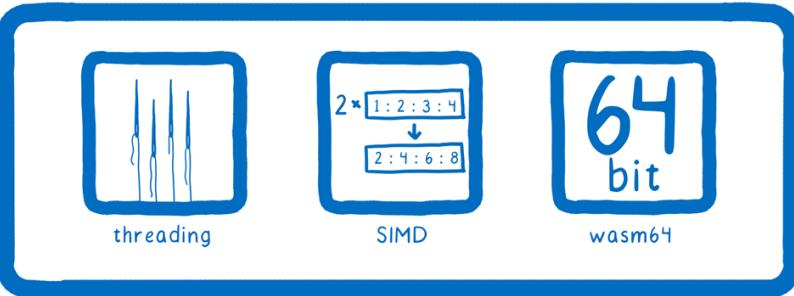
MAKING USE OF MODERN HARDWARE



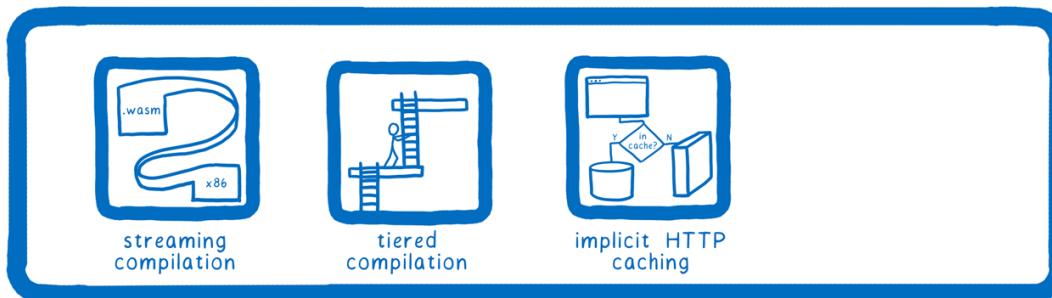
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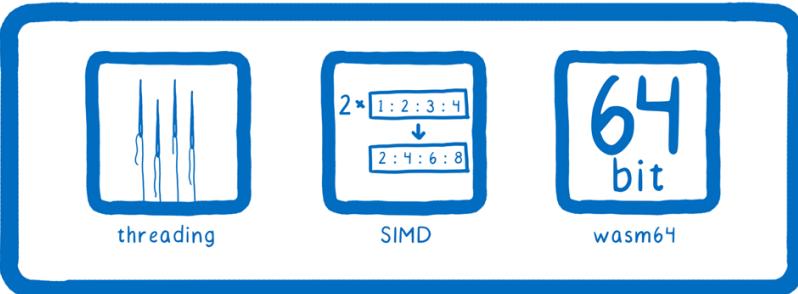
MAKING USE OF MODERN HARDWARE



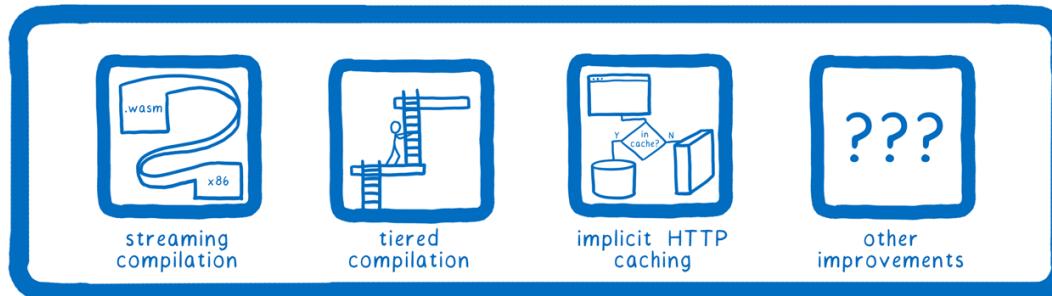
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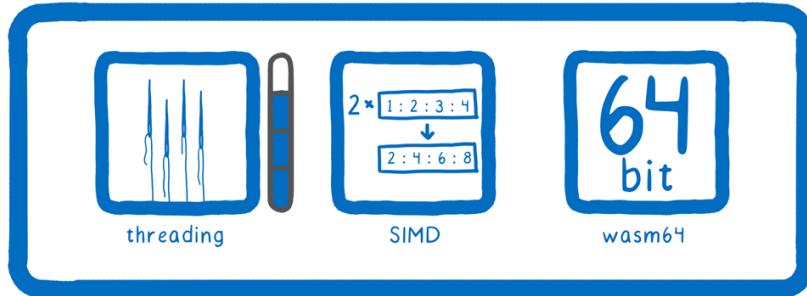
MAKING USE OF MODERN HARDWARE



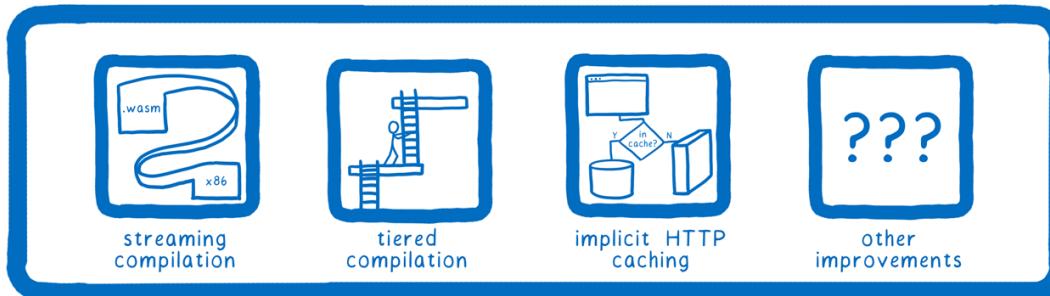
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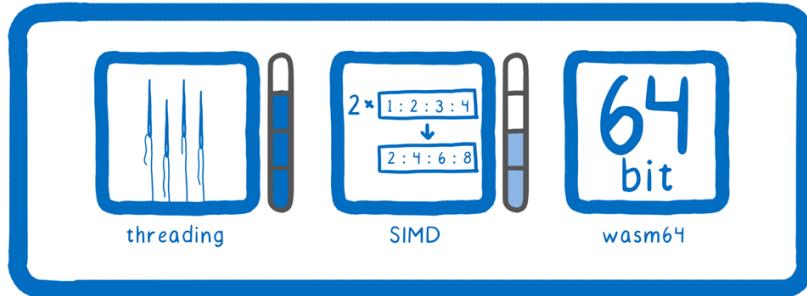
MAKING USE OF MODERN HARDWARE



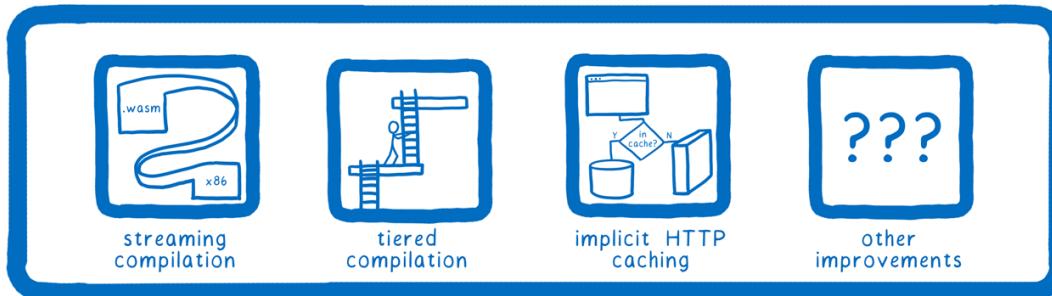
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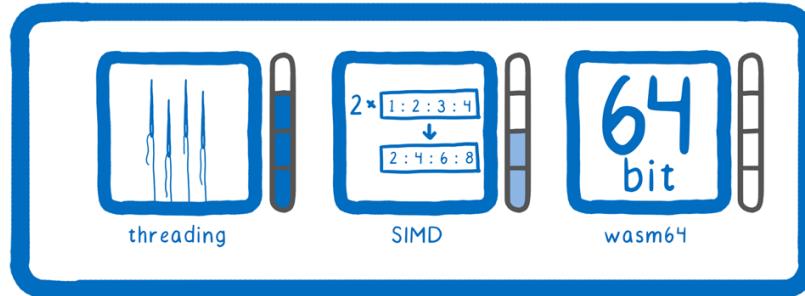
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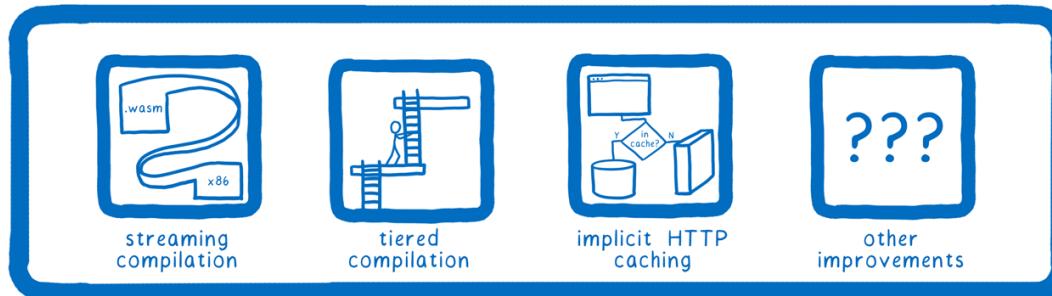
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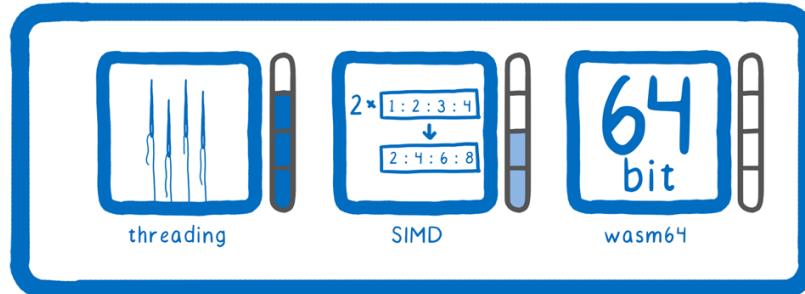
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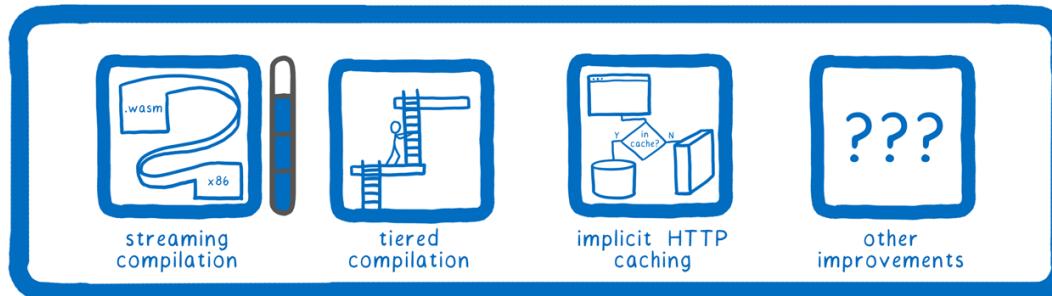
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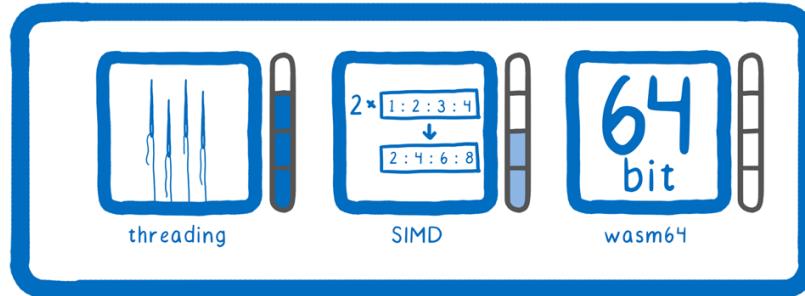
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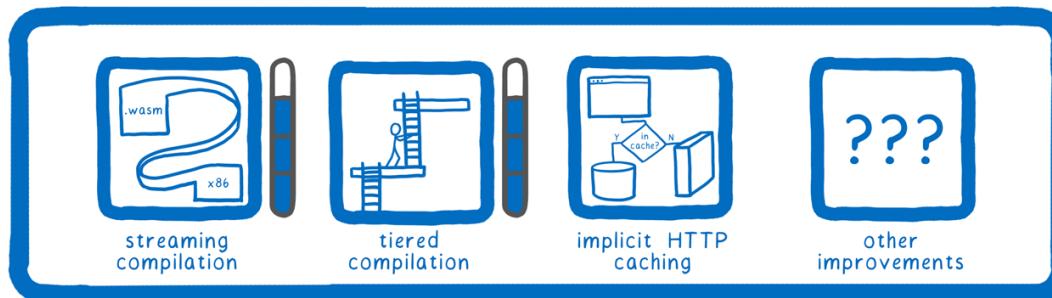
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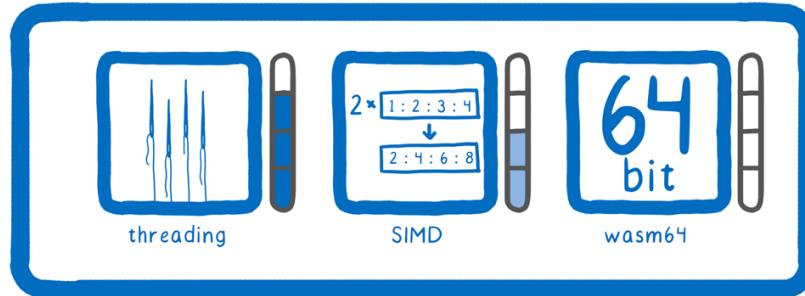
MAKING USE OF MODERN HARDWARE



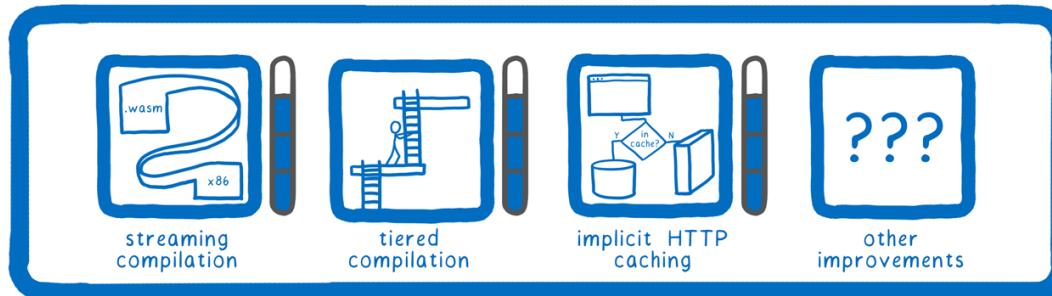
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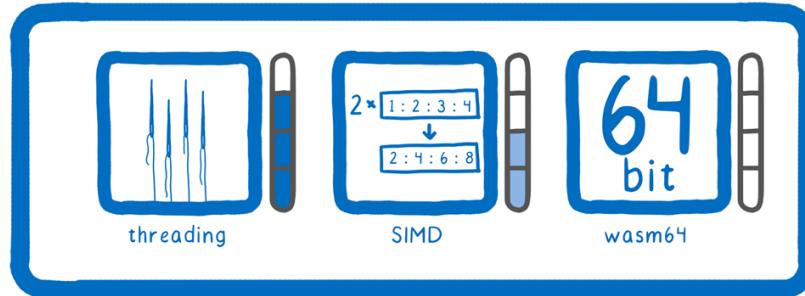
MAKING USE OF MODERN HARDWARE



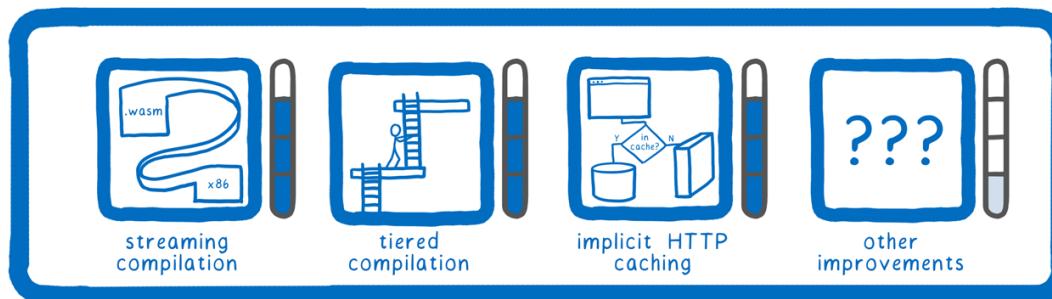
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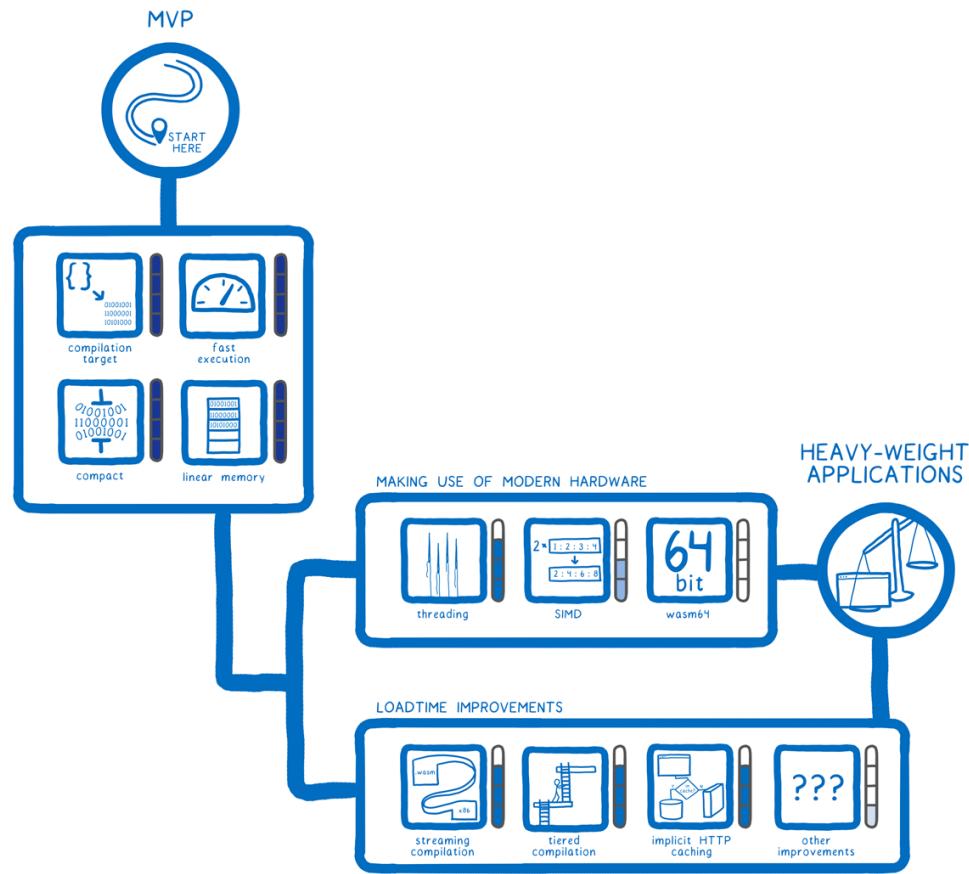


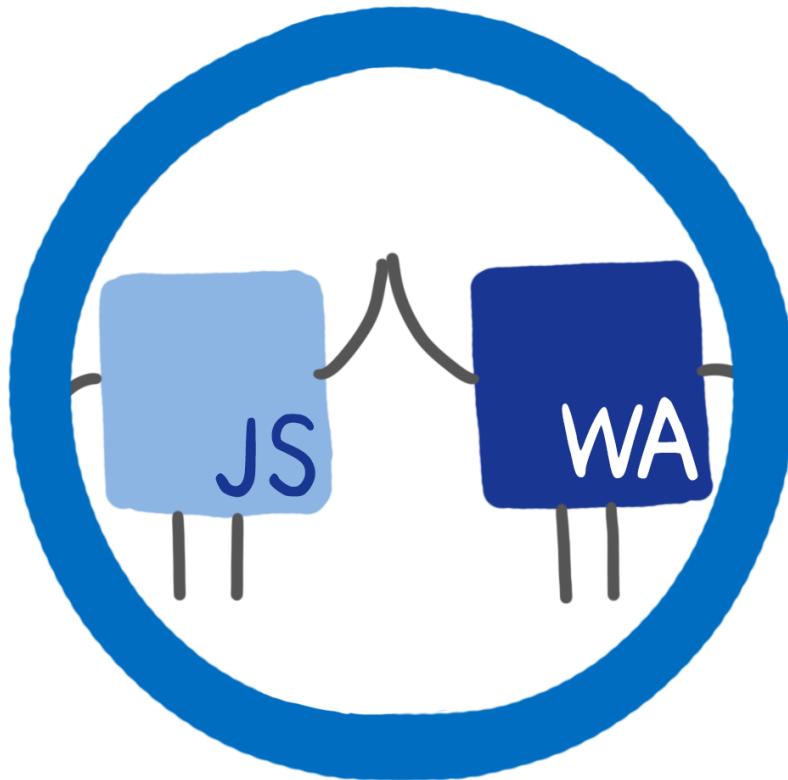
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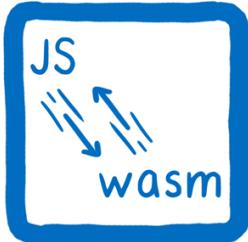
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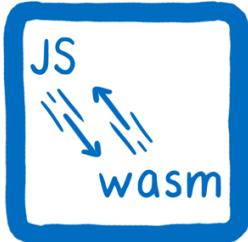




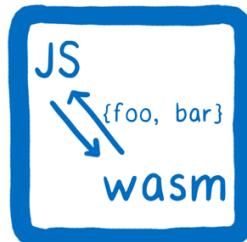




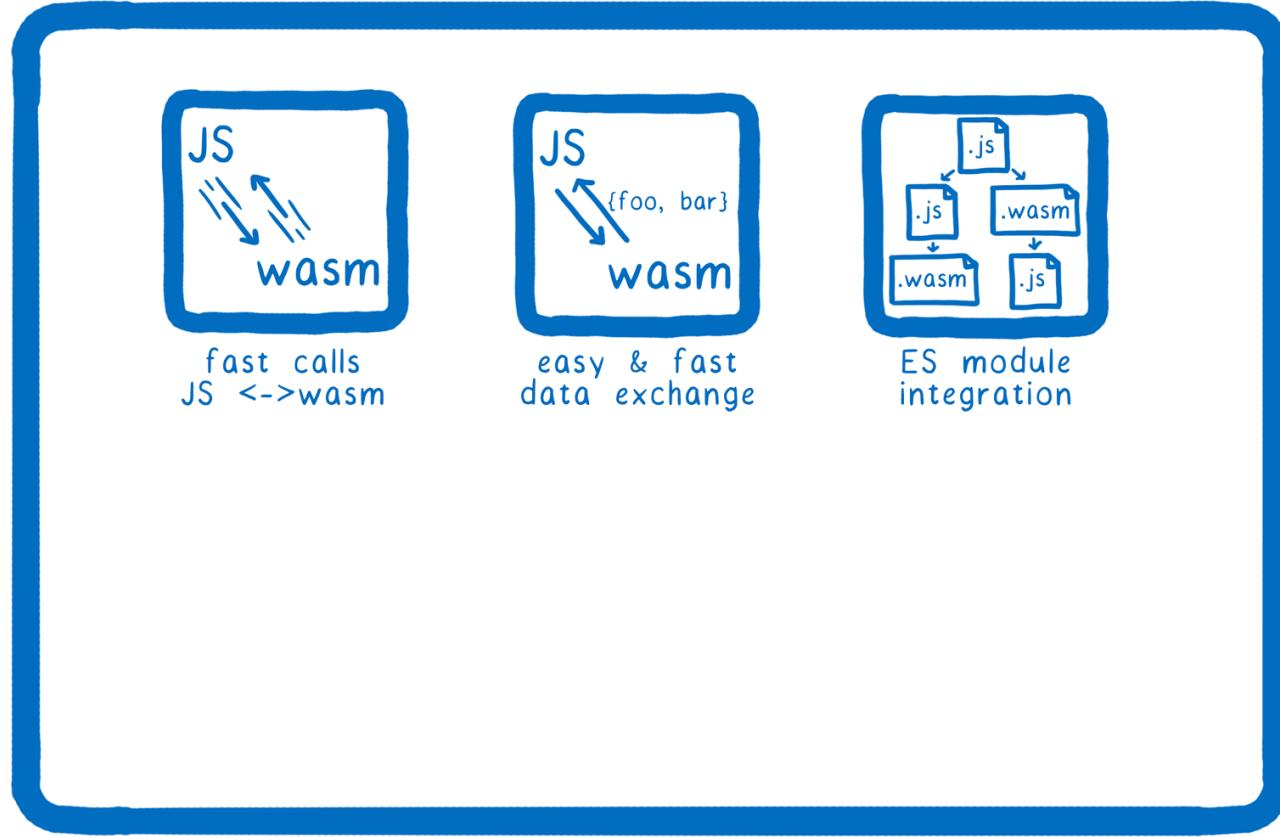
fast calls
JS <->wasm

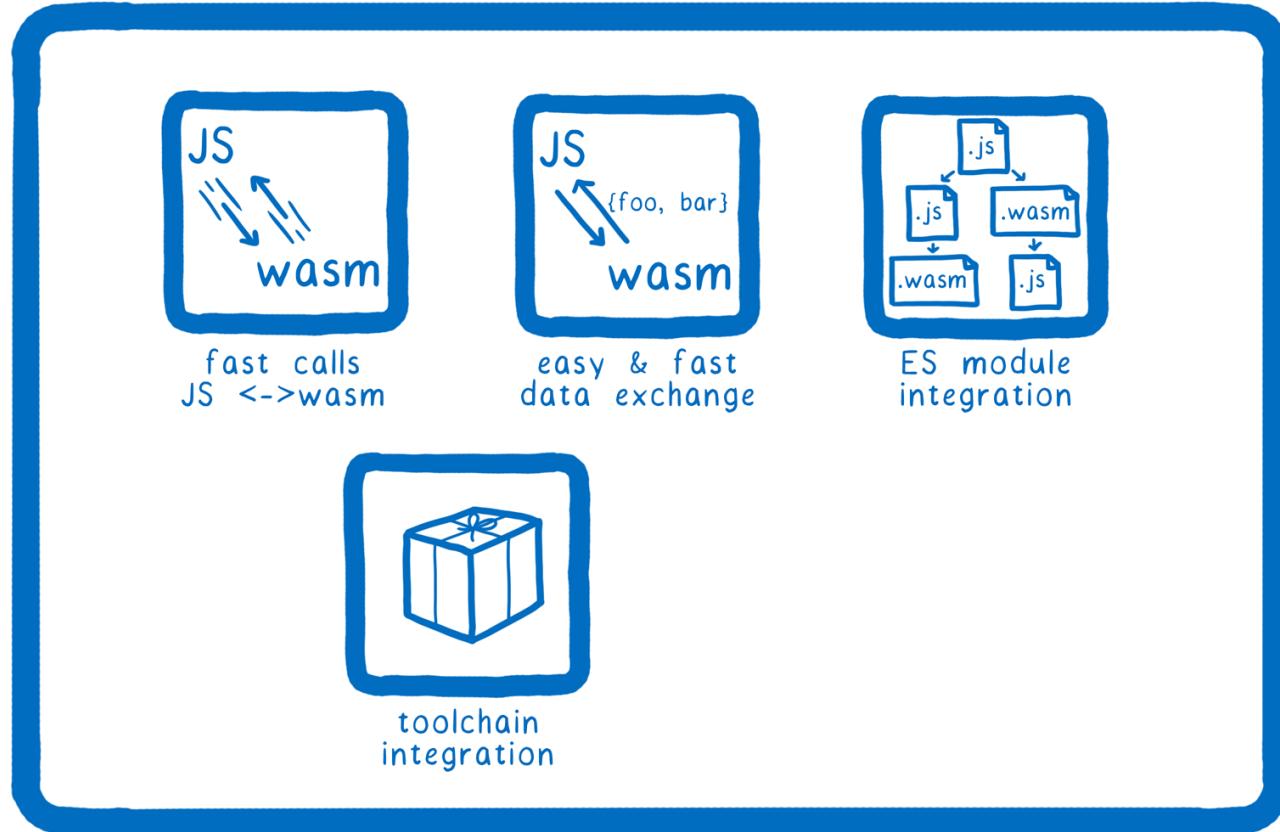


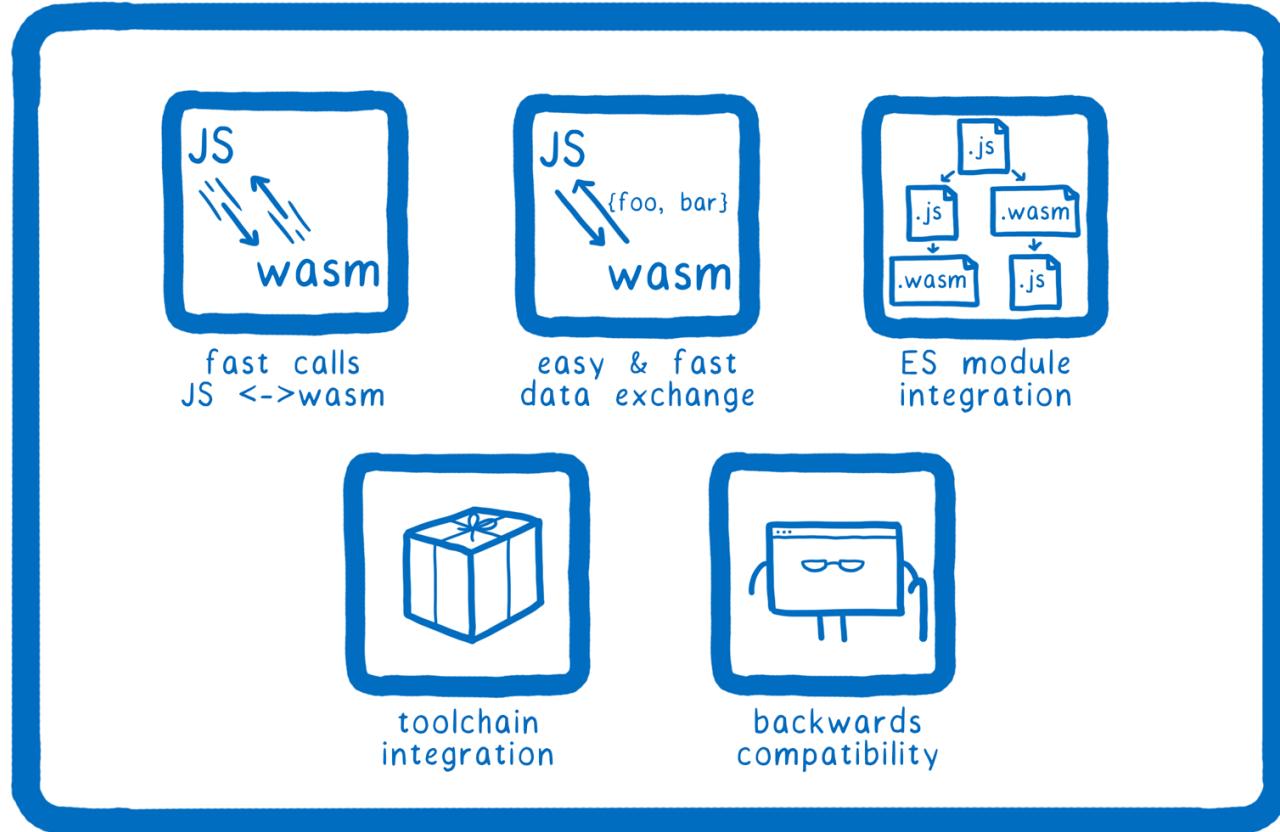
fast calls
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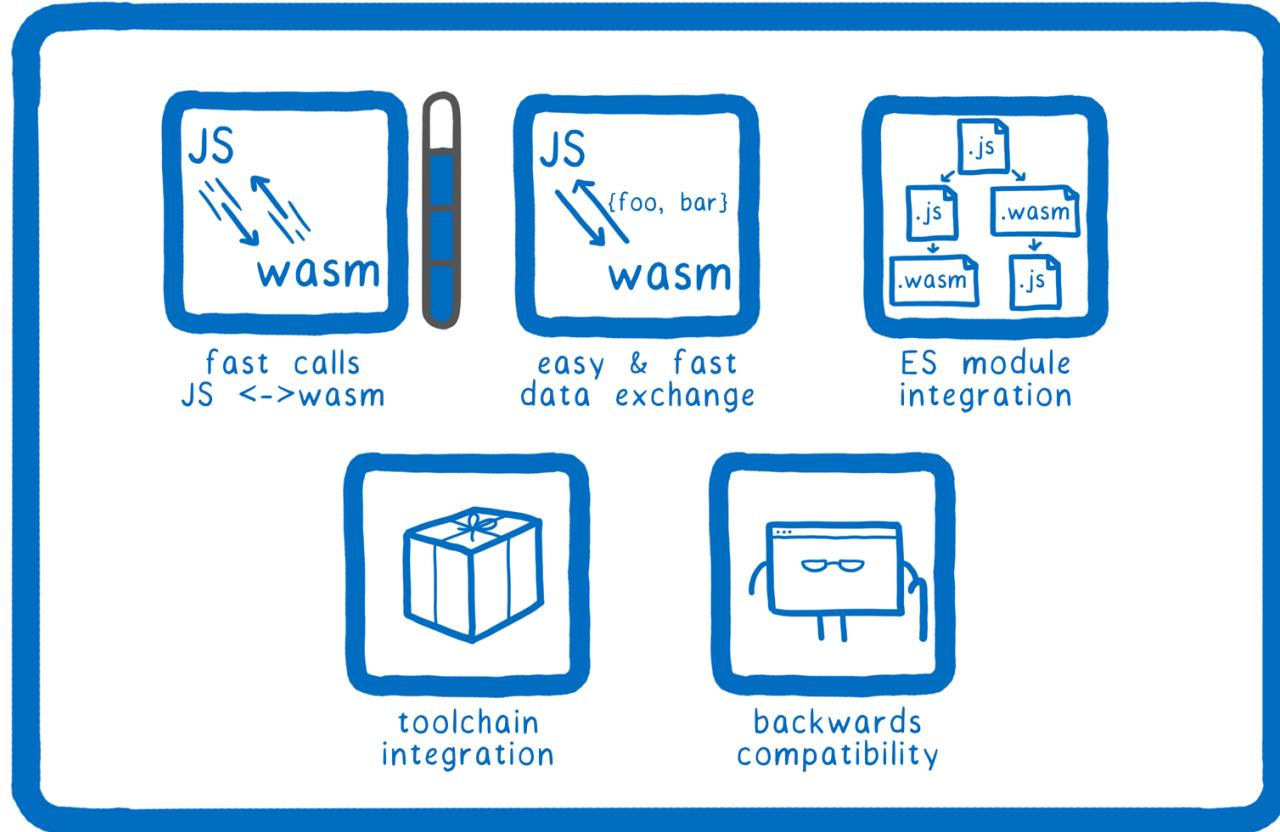


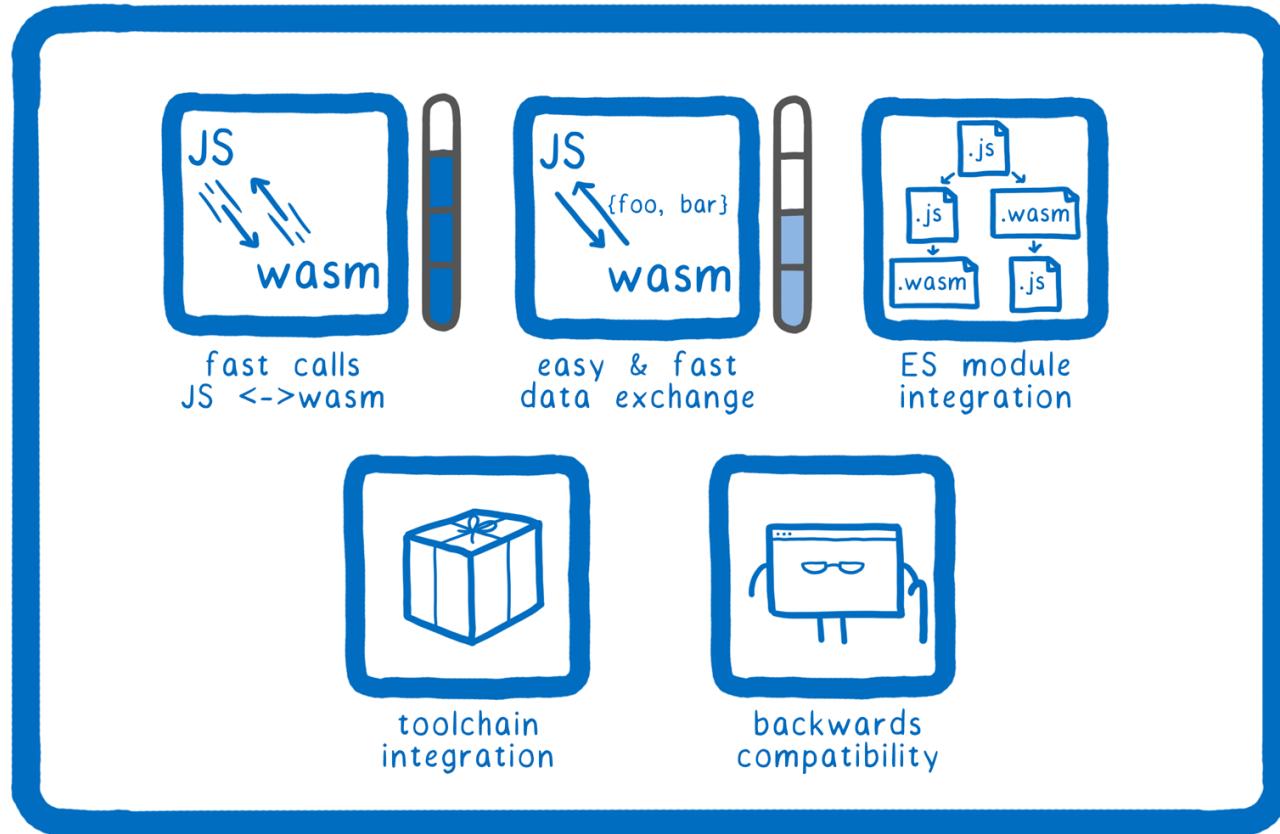
easy & fast
data exchange

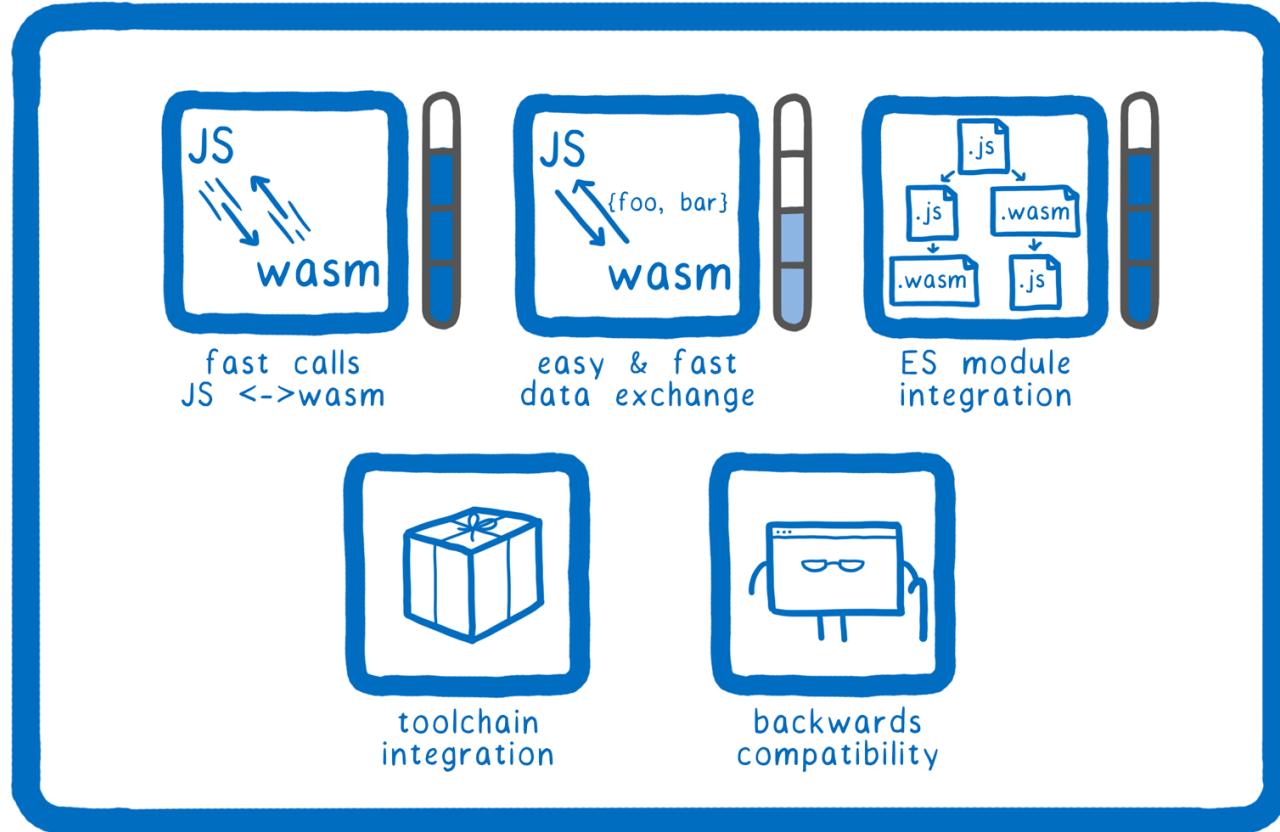


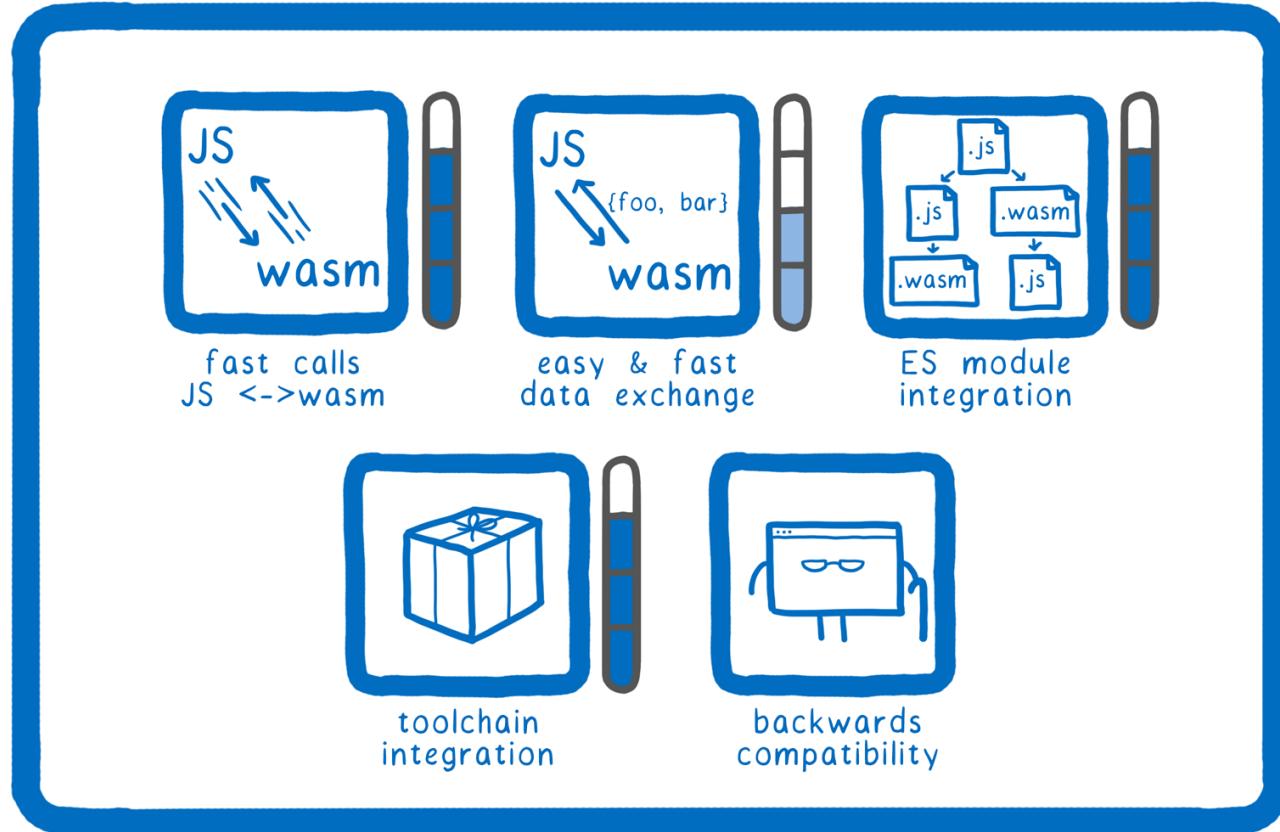


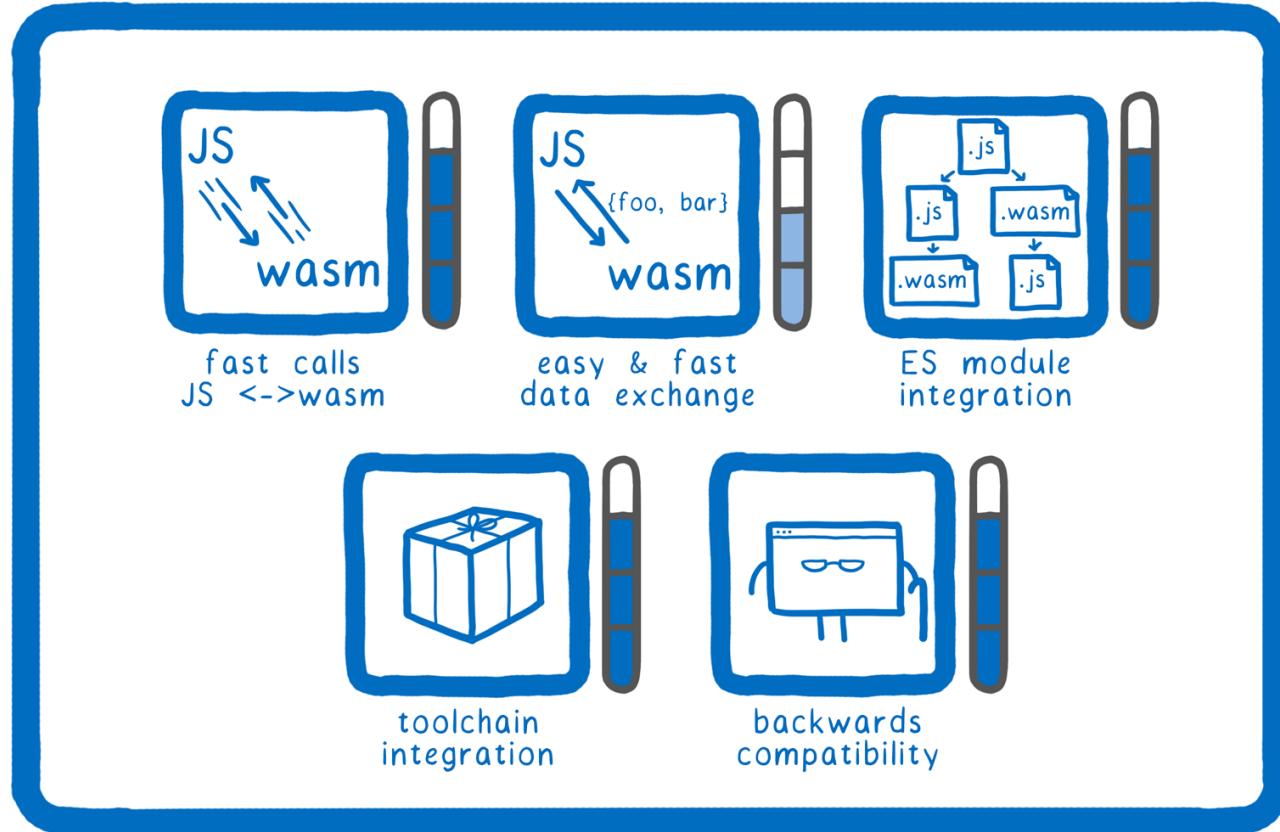


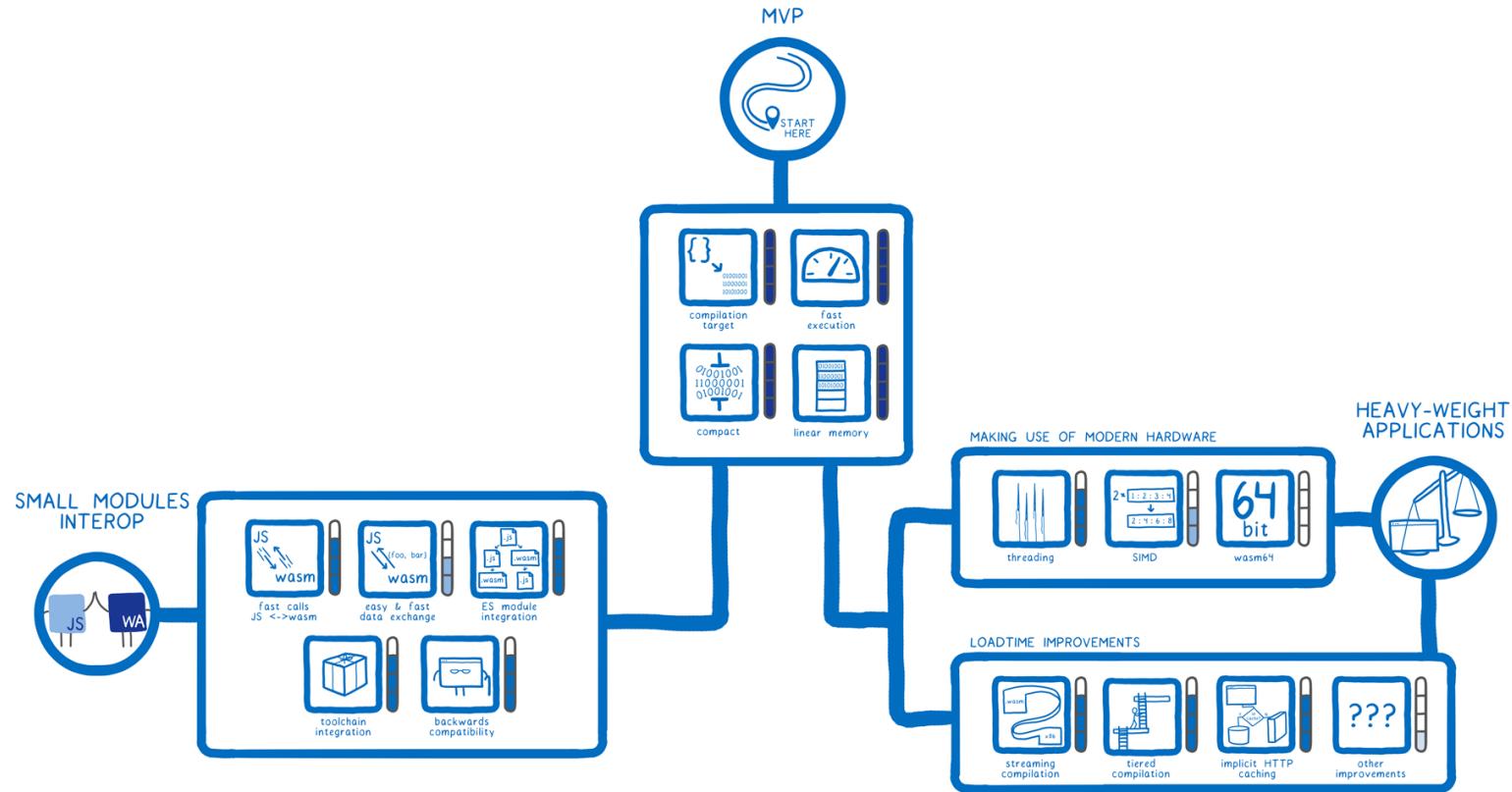


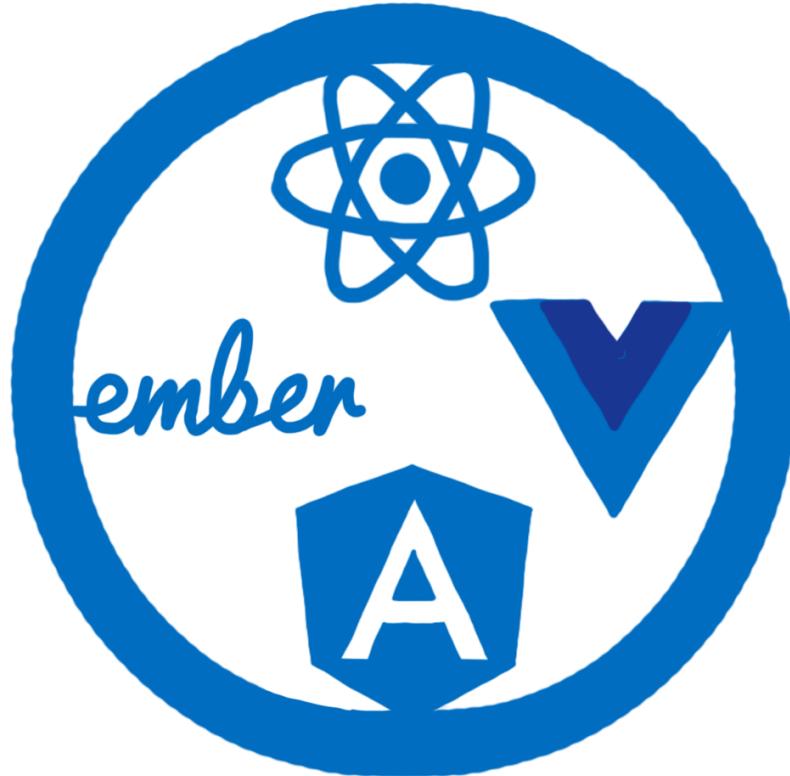


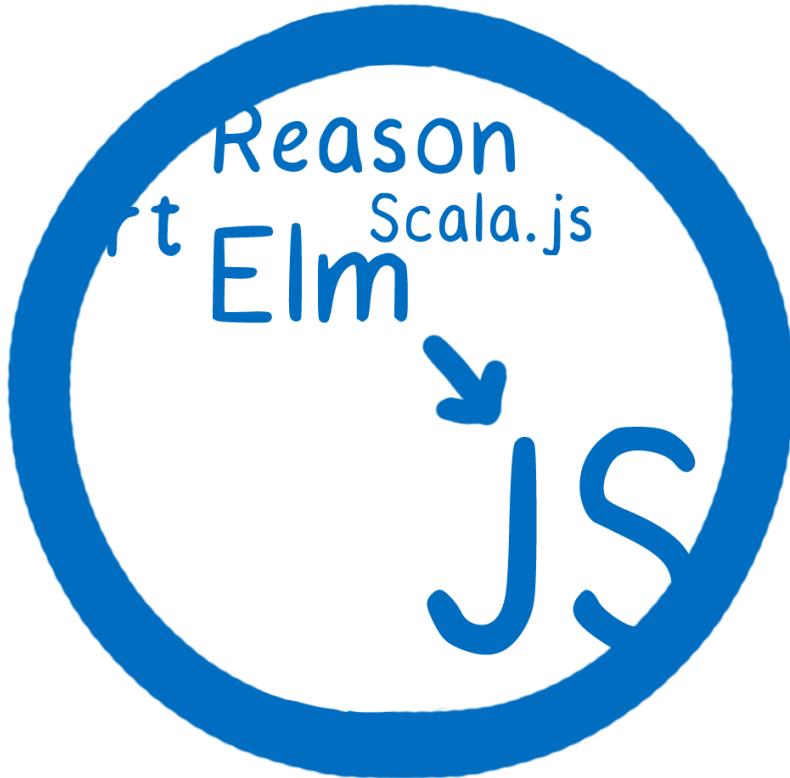












HIGH LEVEL LANGUAGE FEATURES



HIGH LEVEL LANGUAGE FEATURES



GC integration

HIGH LEVEL LANGUAGE FEATURES



GC integration



exception
handling

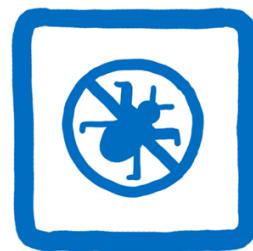
HIGH LEVEL LANGUAGE FEATURES



GC integration



exception
handling



debugging

HIGH LEVEL LANGUAGE FEATURES



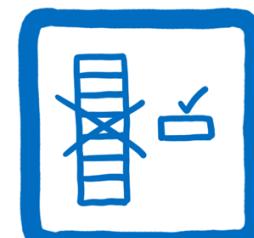
GC integration



exception
handling



debugging



tail calls

HIGH LEVEL LANGUAGE FEATURES



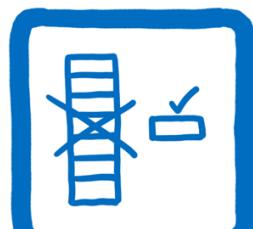
GC integration



exception
handling



debugging



tail calls

HIGH LEVEL LANGUAGE FEATURES



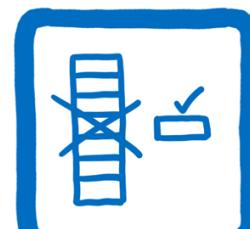
GC integration



exception
handling



debugging



tail calls

HIGH LEVEL LANGUAGE FEATURES



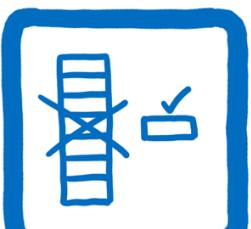
GC integration



exception
handling



debugging



tail calls

HIGH LEVEL LANGUAGE FEATURES



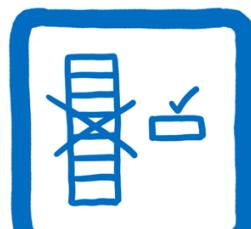
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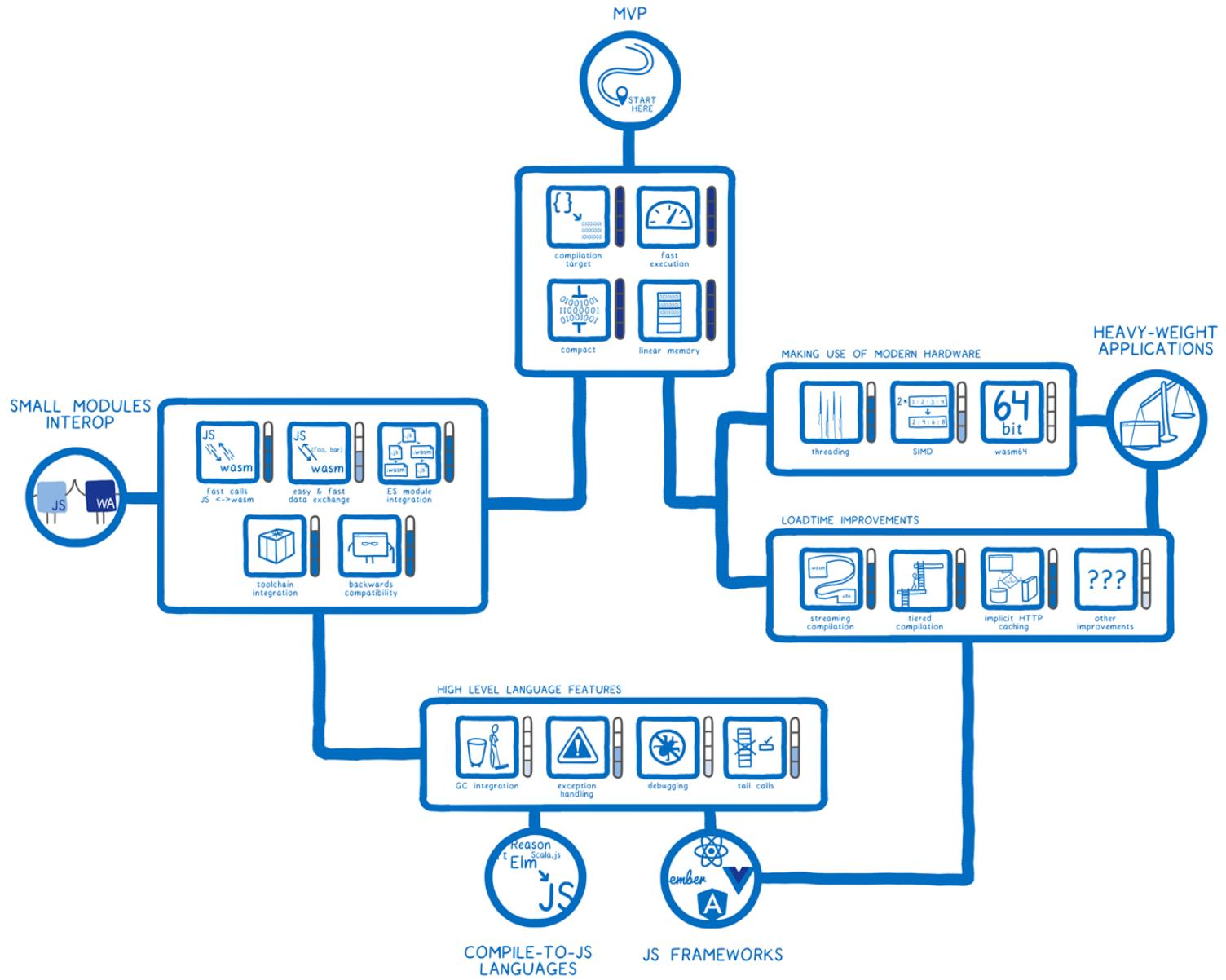
exception
handling

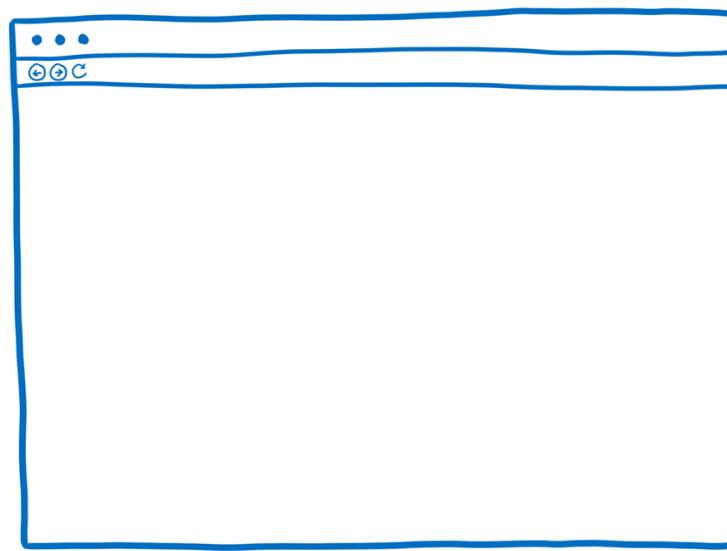


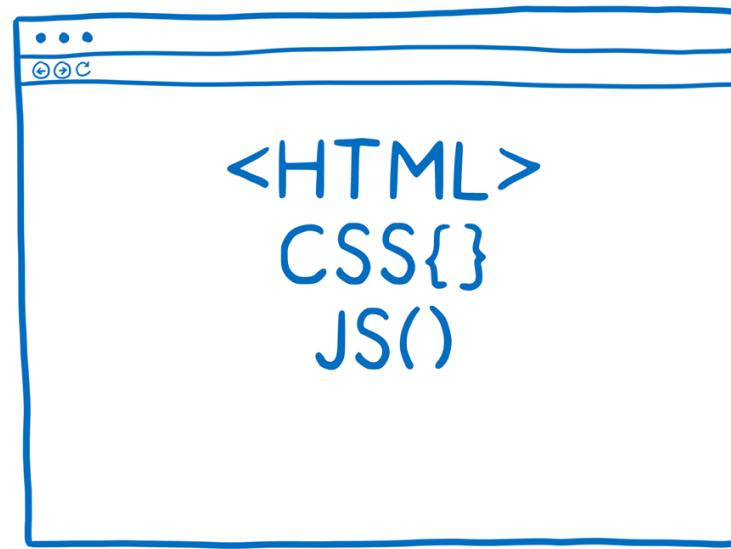
debugging

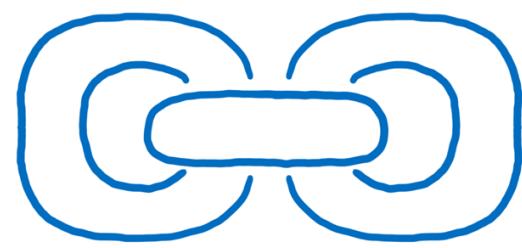


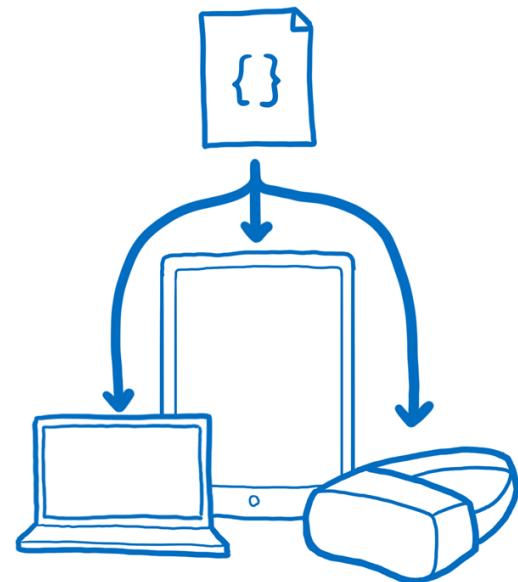
tail calls



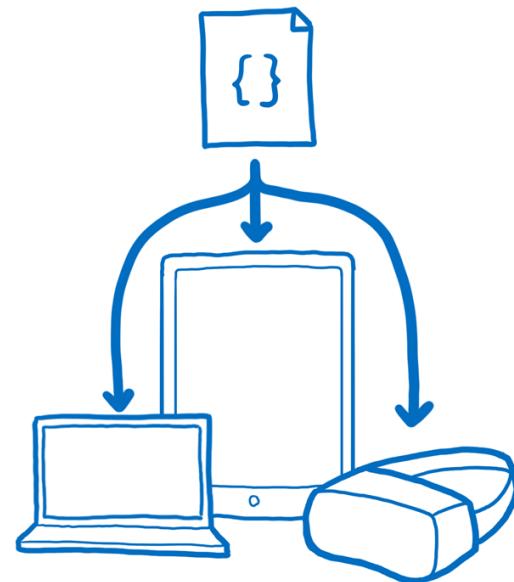






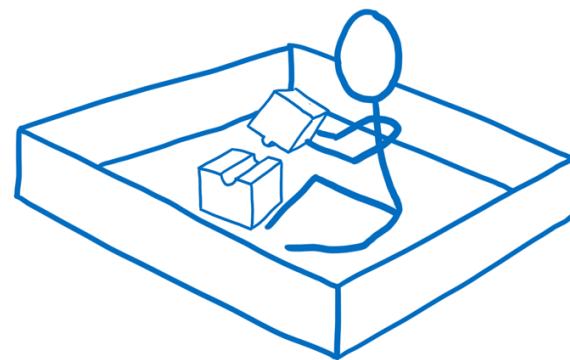


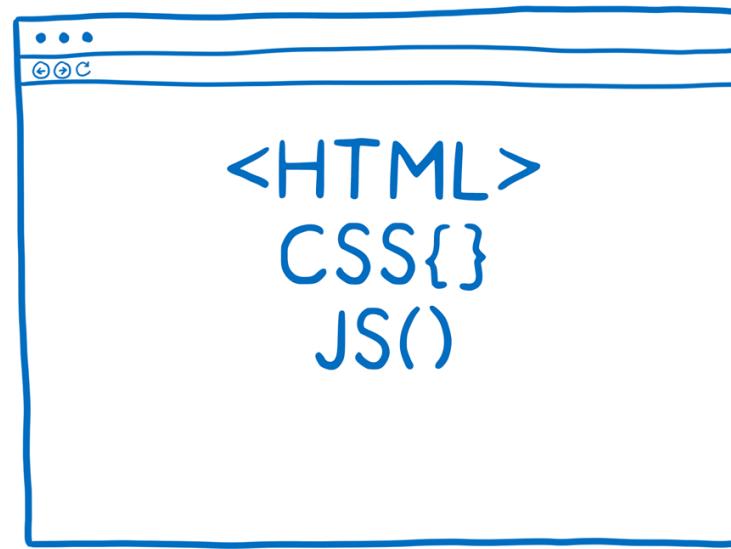
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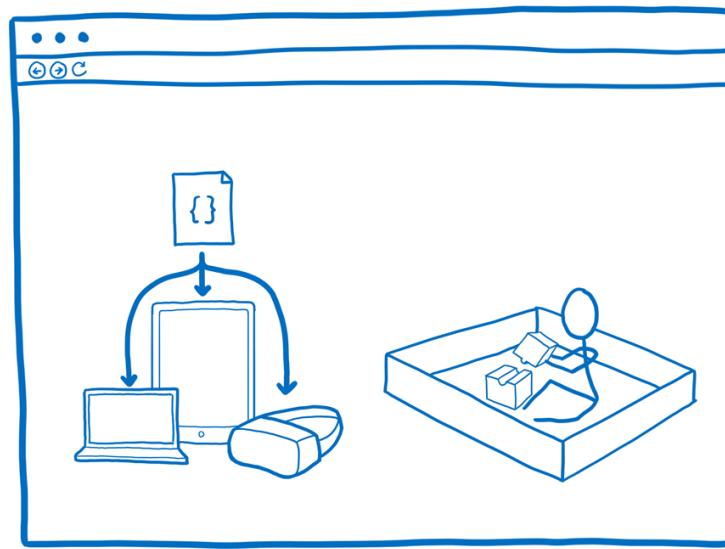
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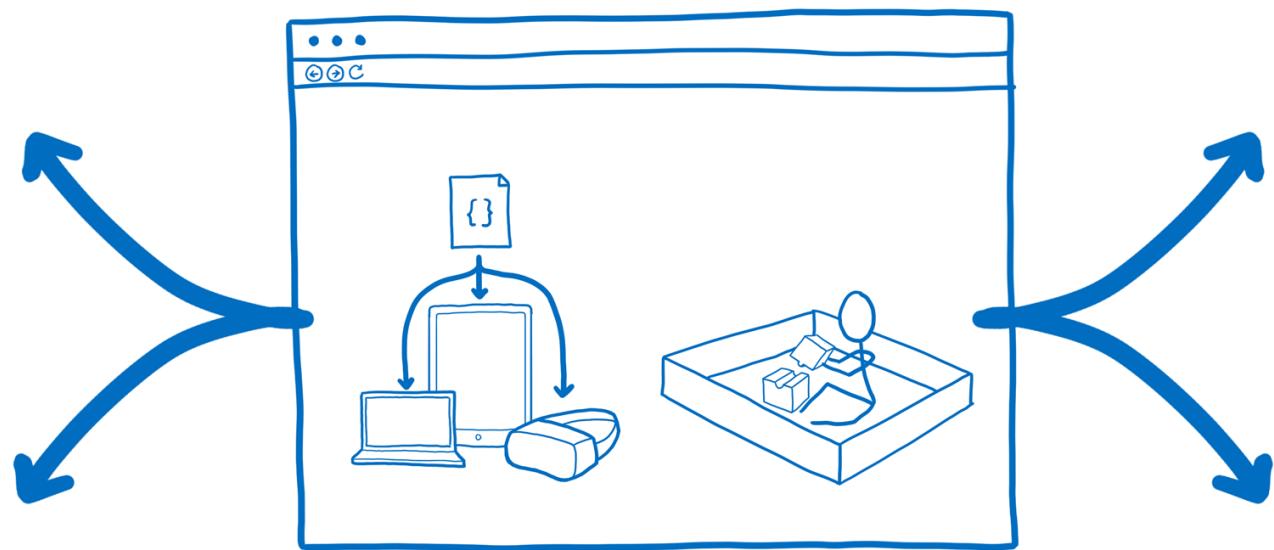
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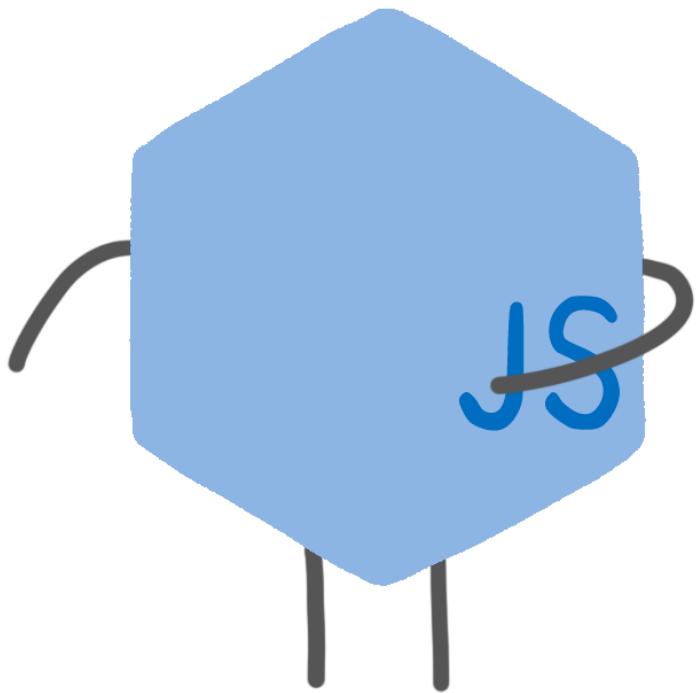


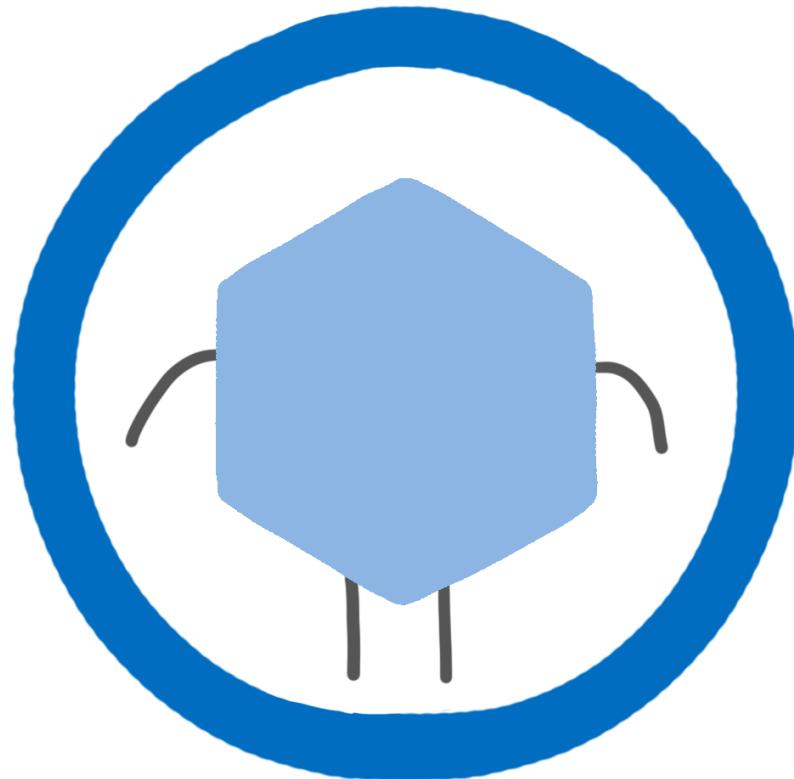


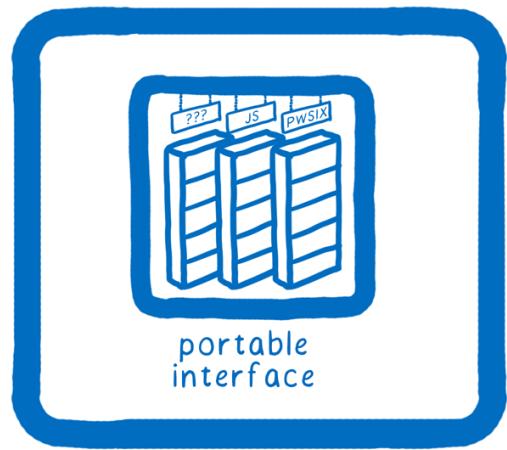


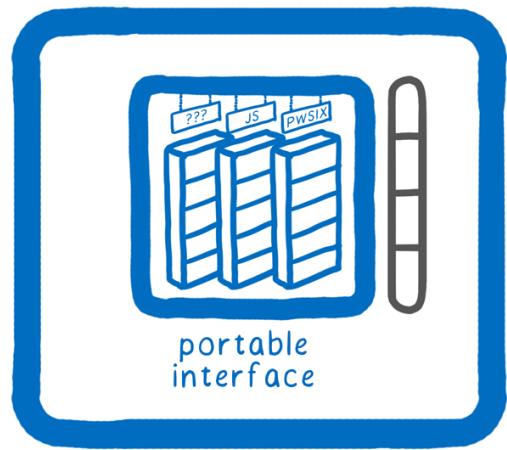




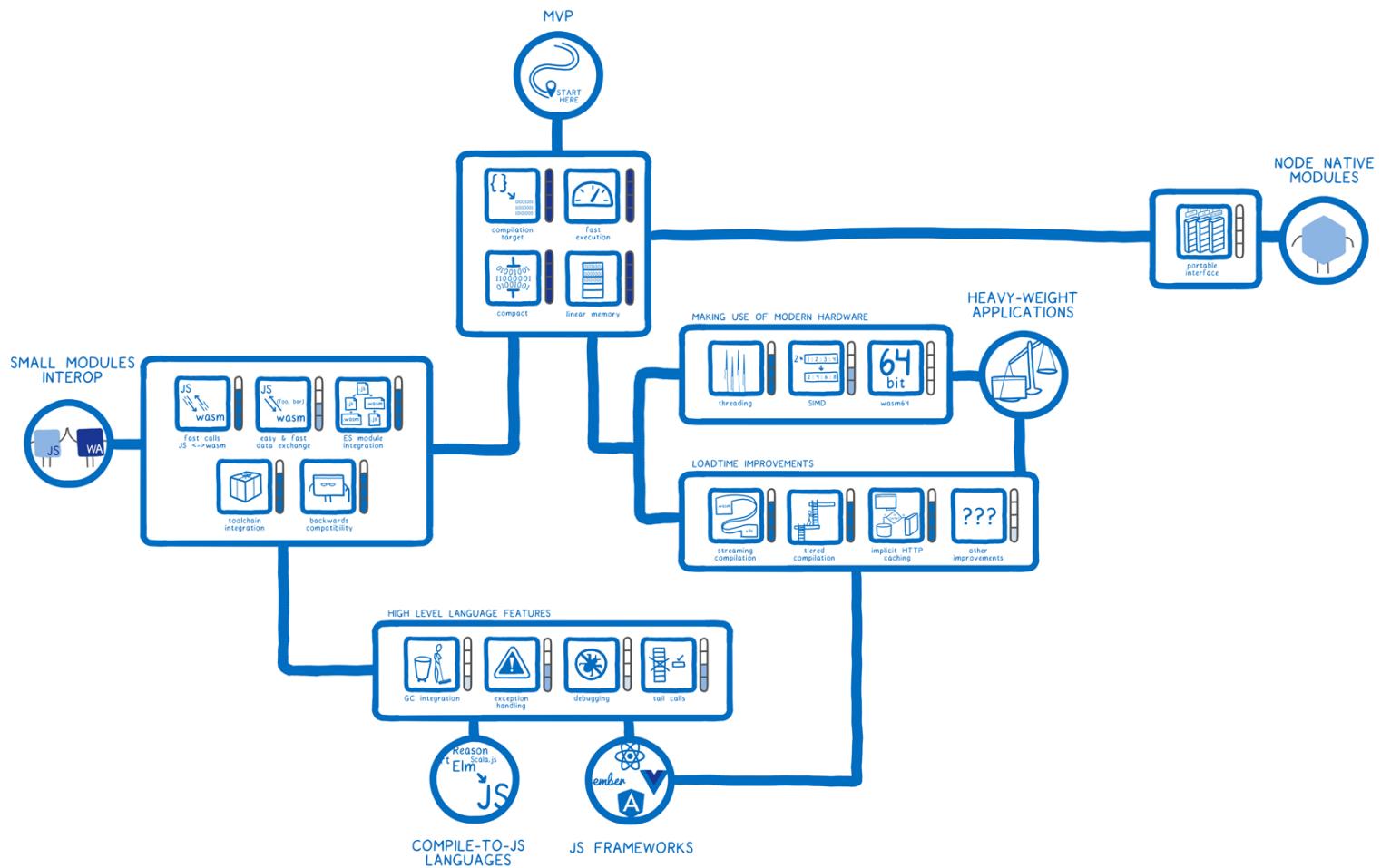




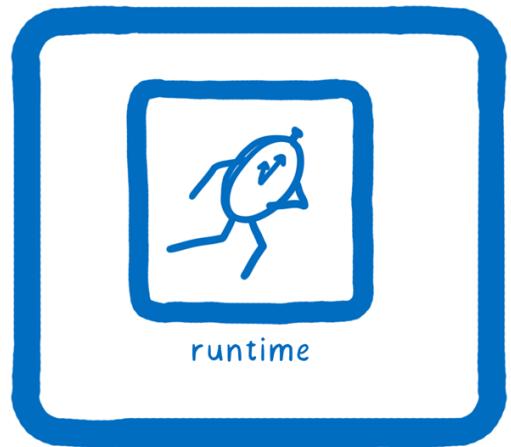




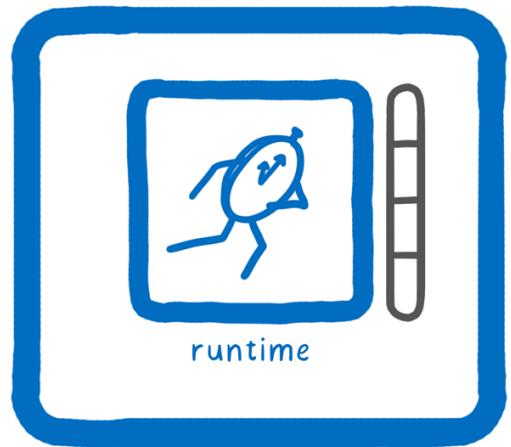
portable
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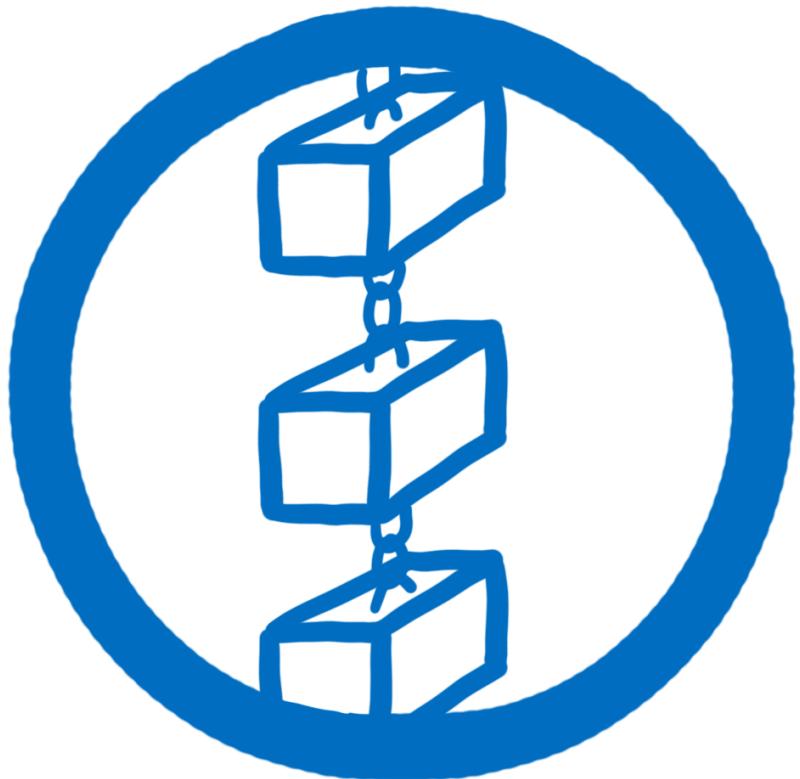


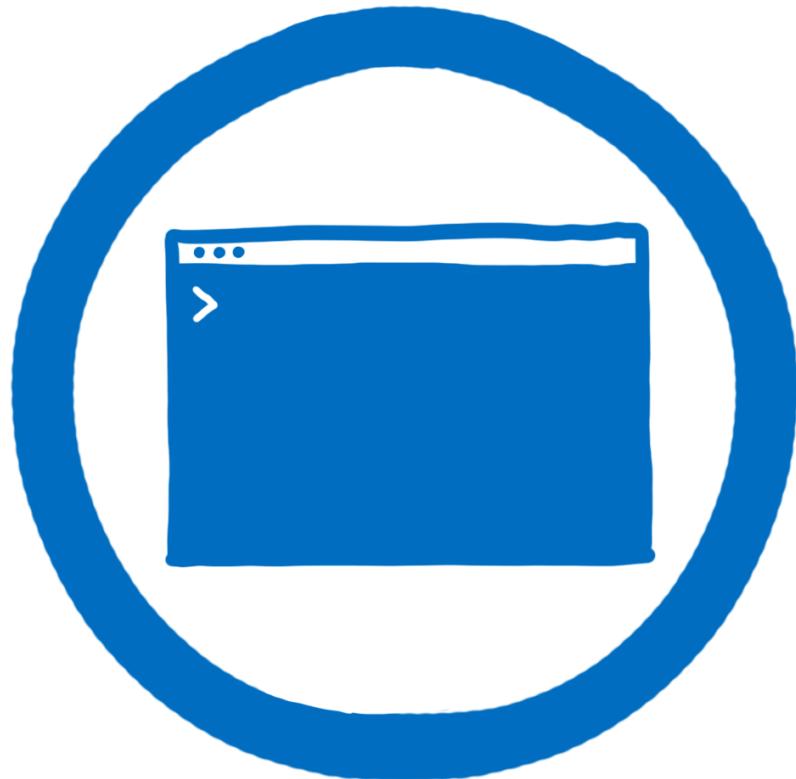


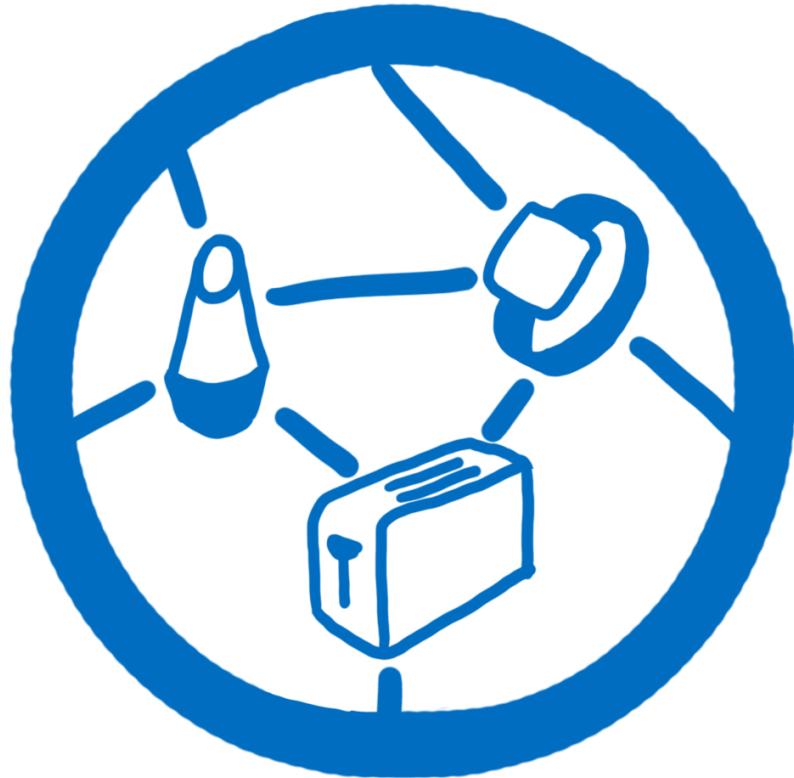


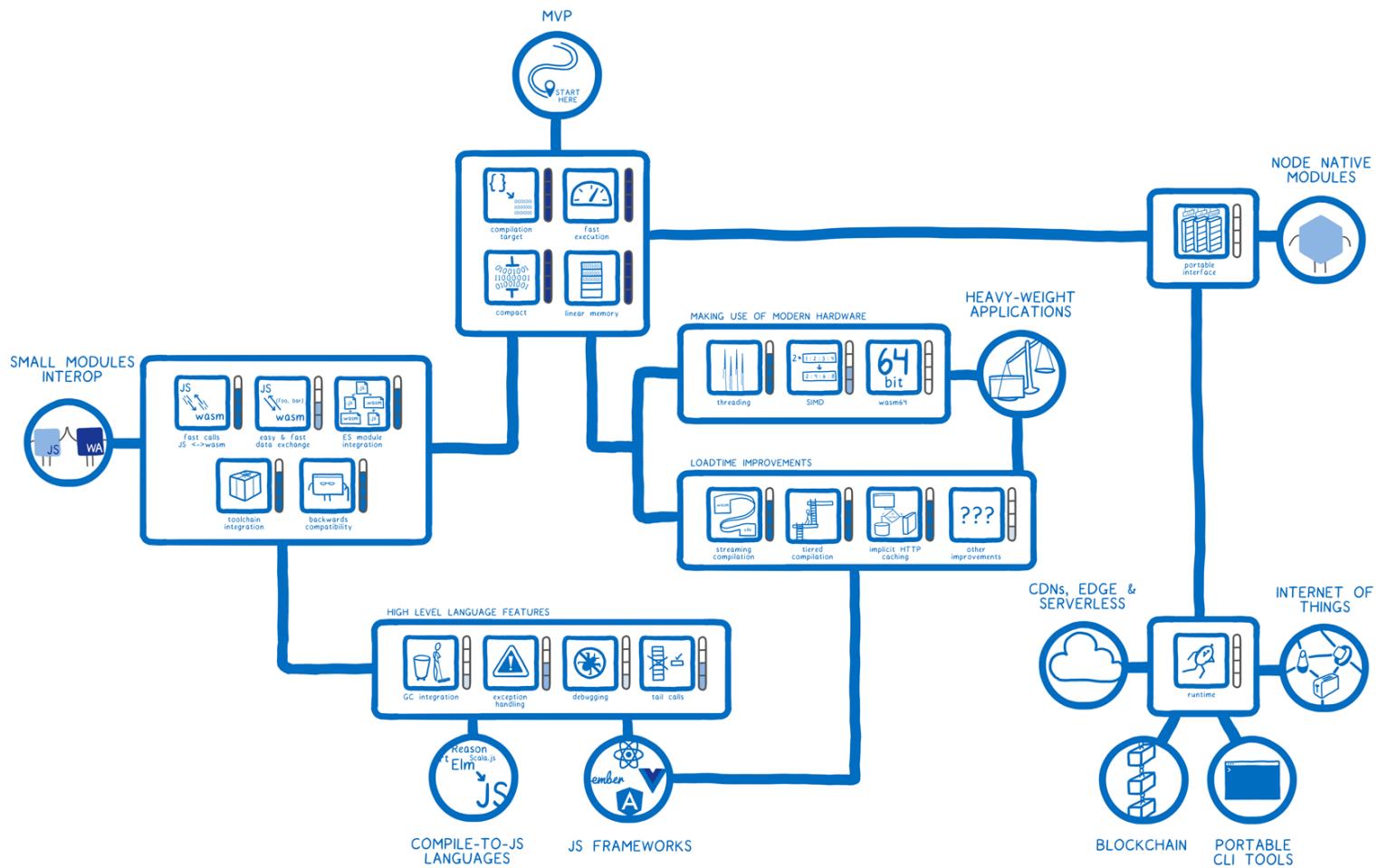
runtime











Luke Wagner
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Till Schneidereit
@tschneidereit

Thank you