

> GOOGLES OPEN SOURCE HIGH PERFORMANCE JAYASCRIPT AND WEBASSEMBLY ENGINE IGNITION TURBOFAN LIFTOFF FOR WEBASSEMBLY FOR JAYASCRIPT  $\bigcup$ ⇒ Reduces startup time by generating code has fast => interprets Tavascript Source code and FOR JAVASCRIPT AND WEBASSEMBLY executes unoptimised version as possible LODE Streaming APIs DYNAMIC TIER-UP allow dompilation OPTIMIZATION while downloading EAGER TIER-UP DEOPTIMIZATION cannot tolerate suboptimal code for too long WEBASSEMBLY does not require TYPE FEEDBACK LIFTOFF compilation finishes,

threads to generate optimized EAGER TIER-UP: After engine starts background code for the module QUICK START + OPTIMIZED PERFORMANCE