
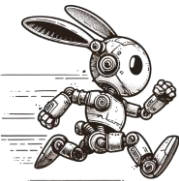
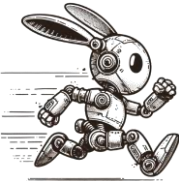
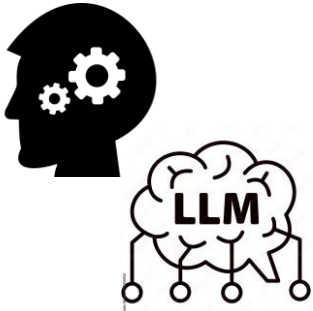


Development		Distribution	Deployment
 <p>Package manager, e.g., Spack.</p>	Create package with dependencies and constraints	Source and build instructions, binary package	Build from scratch, assisted with binary caches
	Build full image with all dependencies	Image with binary representation, one per ISA	OCI hooks (semi- manual)
 <p>Source Container</p>  <p>Adaptable IR Container</p>	 <p>Find optimization points: human expert assisted by AI</p>	Create source image	Full build from scratch, OCI hooks at runtime
	Create image with IR and configuration	One image per IR. Includes IR, source of system dependent files, dependencies	Optimization and lowering of IRs, build of source files, OCI hooks