



CAST
The 4 <sup>th</sup> Wave in Software Engineering
4 What: Architecture, Quality characteristics, Reuse   When: 2005→   Why: Ensure software is constructed to standards that meet the lifetime demands placed on it
3 What: CMM, ITIL, PMBOK, Agile   When: 1990-2005   Why: Provide a more disciplined environment for professional work incorporating best practices
2 What: Design methods, CASE tools   When: 1980-1990   Why: Give developers better tools and aids for constructing software systems
What: 3 <sup>rd</sup> & 4 <sup>th</sup> generation languages, structured programming When: 1965-1980 Why: Give developers greater power for expressing their programs

































