CHERTER: 17 >> Reuse Dimensions: - Scope: horizontal us vertical "Approach" systematic or opportunistic - Technique: compositional or generative - Use: Black-box or white box => Success enteria For component libraries - well developed standard terminology. - Small mterfaces - Standardized data formats

= Requirements for component Throng - Searching For components Understanding components Found - Adapt components IF necessary - Compose Systems from components) Component evaluation, Use Ful information. - Quality information - Administrative information - Documentation - Interface information - Test information > Reuse process models - Software development with reuse · Passive · Component Morary enclues happasonally - Software development for use o A chue · Reusable assets are developed, rather found by accident. > software development for reuse: - Often two separate Jeveropment processes a perelopment of components b. pevelopment of applications, Using the available components



- > Characteristics of success Ful reuse programs
 - Extensive waradement Entroll
 - organizational support structure
 - Incremental implementation
 - Significant success
 - High incentives
 - Pomary analysis done
 - Attention to architectural issues
 - J Non-technical aspects of software reuse:
 - Economics: 1+ 75 a long term
 - investment: It does not happen = management: It is a long term
 - in spontaneously
 - Reychology: people do got want to reuse sompone else's code