

SOFTWARE ARCHITECTURE DESIGN



COMPONENTS

SOFTWARE ARCHITECTURE DESIGN REFERS TO THE DEFINITION OF HIGH LEVEL STRUCTURES OF A SOFTWARE SYSTEM, THE DISCIPLINE OF CREATING SUCH STRUCTURES, AND THE DOCUMENTATION OF THESE STRUCTURES. IT IS THE SET OF STRUCTURES NEEDED TO REASON ABOUT THE SOFTWARE SYSTEM.

TYPES OF COMPONENTS

FRONT-END COMPONENT

CHARACTERISTICS

THEY ARE VISIBLE ELEMENTS.
PROVIDE UBIQUITOUS ACCESS



SHOULD BE ADAPTED TO THE USER
DEVICES AND CHARACTERISTICS



SHOULD BE ADAPTED TO
ENVIRONMENTAL CONDITIONS



BACK-END COMPONENT

TYPES

CONTROLLERS IDENTIFY THE SPECIALISTS THAT CAN COLLABORATE TO PROVIDE THE REQUIRED ANSWER TO OPERATION REQUESTED



Business logic components



Smart Things



Data sources



Specialist are

