

and returns their pixelwise logical, or might be implemented as The programmer con start from on! and other primitive filters and can isolat those black pixels in a The state of horizontal edge. The second step would be to take a global perspective of a particular program, and map out intermediate results and finally, looks appropriately to implement the original functionality while creating as few intermediate images as possible. The final step would be to implement cross-cutting phenomena, which is responsible for corde tanafing. The single composition mechanism
the language provides us - procedure collingis very well suited to building up the
un-optimized functional units. 2 2

They 3. Tiet the elements of AOP with a bailed definition / description of each. 30 A: The elements of AOP are —

1) A component language with which to program

the 1 mm language. 2) One or more aspect languages with which to iporogram the aspects 3) An aspect weaver for the combined languages.

4) A component program that implements the components using the component language.

5) One or more aspect programs that implement the aspect brings are the aspect languages. languages. (A) THE COMPONENT LANGUAGE AND PROGRAM. Designing an ADP system involves understanding what into the espect languages and what must be shared the others. among longuages. The component language must allow the sprogrammer to write at the same time ensuring that those programs do not fore- empty anything the aspect programs me need to control. The aspect languages must support implementations of desired ospects, in a motural and concise way (B) THE ASPECT LANGUAGE AND PROGRAM Communication aspect perograms would like to be able to control the amount of ropying of arguments that takes place when there is a venote mother invocation. To do this the expect language must effectively allow them to step into implementation of method invocation,

