CASE tools are a class of [software](http://en.wikipedia.org/wiki/Software) that automate many of the activities involved in various [life cycle](http://en.wikipedia.org/wiki/Product_lifecycle_%28engineering%29) phases. For example, when establishing the [functional requirements](http://en.wikipedia.org/wiki/Functional_requirements) of a proposed application, [prototyping](http://en.wikipedia.org/wiki/Prototyping) tools can be used to develop graphic models of application screens to assist end users to visualize how an application will look after development. Subsequently, system designers can use automated design tools to transform the prototyped functional requirements into detailed design documents. Programmers can then use automated code generators to convert the design documents into code. Automated tools can be used collectively, as mentioned, or individually. For example, prototyping tools could be used to define application requirements that get passed to design technicians who convert the requirements into detailed designs in a traditional manner using [flowcharts](http://en.wikipedia.org/wiki/Flowchart) and narrative documents, without the assistance of automated design software.

Types of tools are:

* Business process engineering tools.
* Process modeling and management tool
* Project planning tools.
* Risk analysis tools
* Project management tools
* Requirement tracing tools
* Metrics management tools
* Documentation tools
* System software tools