Difference Between Applet and Servlet in Java

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Applet and servlet are the small Java programs or applications. But, both get processed in a different environment. The basic difference between an applet and a servlet is that an **applet** is executed on the client-side whereas, a **servlet** is executed on the server-side. Both of them differ in many contexts, let us study the difference between applet and servlet with the help of comparison chart.

Content: Applet Vs Servlet in Java

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Comparison Chart

BASIS FOR COMPARISON	APPLET	SERVLET
Execution	Applet is always executed on the client side.	Servlet is always executed on the server side.
Packages	import java.applet.*; import java.awt.*;	import javax.servlet.*; import java.servlet.http.*;
Lifecycle methods	init(), stop(), paint(), start(), destroy().	init( ), service( ), and destroy( ).
User interface	Applets use user interface classes like AWT and Swing.	No User interface required.
Requirement	Requires java compatible browser for execution.	It processes the input from client side and generates the response in terms of the HTML page, Javascript, Applets.
Resources	As it arrives at the client, it uses the resources of the client to produce graphical interface and run complex computation.	It utilizes the resources of the server to process request and response of the client.
Bandwidth Utilization	Applets utilize more network bandwidth as it executes on the client machine.	Servlets are executed on the servers and hence require less bandwidth.
Security	More prone to risk as it is on the client machine.	It is under the server security.