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**How a servlet helps to create dynamic responses? Give examples for websites which needs dynamic responses.**

A servlet is a server-side program which is response to the users' input. The users input is 'dynamic' so the servlet helps in producing dynamic webpage response that interact with users’ input. Also give a coming value from the database to the users in servlet response. For instance, the page for registration in any web page requires dynamic response, because the data are coming from the users most stored into the database and whenever the user sign in again to the same website this dynamic page must retrieve the information that the users have submit.

A servlet is respond to HTTP requests, and then determines the need for the dynamic response. And will generate HTTP response depends on the stored information in the object.

There are several examples of dynamic pages, NEMSHI, AMAZON, TWITTER .. and there are more.

**Why do you think dynamic responses are needed? Write some applications where static pages are enough and there is no need for dynamic responses.**

It’s needed because it allows the users to communicate with the companies, and websites’ administrators and more communication. Perfect for education and learning, for searching about particular information. Dynamic response is important for even the companies whom need a feedback, or information to improve their selves more. Many websites are using dynamic pages to get and provide information from users.

MOST OF THE WEBSITES WE ARE VISITING ARE DYNAMIC WEBSITES.

Static pages is the opposite does not need any communication just users can visit the page or the application as stored. Also it display the same page for all users. It does not require server-side processing is just client-side only (HTML, CSS and JavaScript). Nothing is stored in the website there is no comments or blog posts or any interactivity but the actual pages.

For example, the home page in our project is static, At the beginning of creating a first website, we will create lot of static pages and then moving to create a dynamic web pages, like our projects in this course we'll see some clear dynamic and static webpages.

So those static websites must show the information needed without the need of any interaction. It’s present information about the website like (about us. page) does not need any interaction just showing information.