Input Observer: Measuring Text Entry and Pointing Performance from Naturalistic Everyday Computer Use

INPUT OBSERVER

Most interactions with a computer involve text entry and target acquisition. There are well-established ways to quantify these skills in lab settings but there is currently no comprehensive way to measure them precisely and rigorously in the field over time. We are developing software that runs quietly in the background of users' computers, gathering data on their text entry skills and use of the mouse. Applications range from extended evaluations of new input and interaction techniques to assessment of assistive technology interventions in the field.





