The study of musical expressivity is an active field in sound and music computing. The research interest comes from different motivations: to understand or model music expressivity; to identify the expressive resources that characterize an instrument, musical genre, or performer; or to build synthesis systems able to play expressively. In this paper, we present a system that focuses on the study of expressivity in nylon-string guitars. Specifically, our system combines several state of the art analysis algorithms to identify guitar left-hand articulations such as legatos and appoggiaturas. We describe the components of our system and provide some preliminary results by analyzing single articulations and some short melodies.