The diploma thesis deals with the procedural aspects to determination of paternity after the recodification of private law which resulted in a change in the overall concept of understanding these proceedings. The thesis aims to describe selected procedural aspects to determination of paternity, to draw attention to the pros and cons of current legislation and to try to propose a solution *de lege ferenda*. The thesis also analyses the current decision-making practice of selected Czech courts of first instance and evaluates how the described legislation is applied.