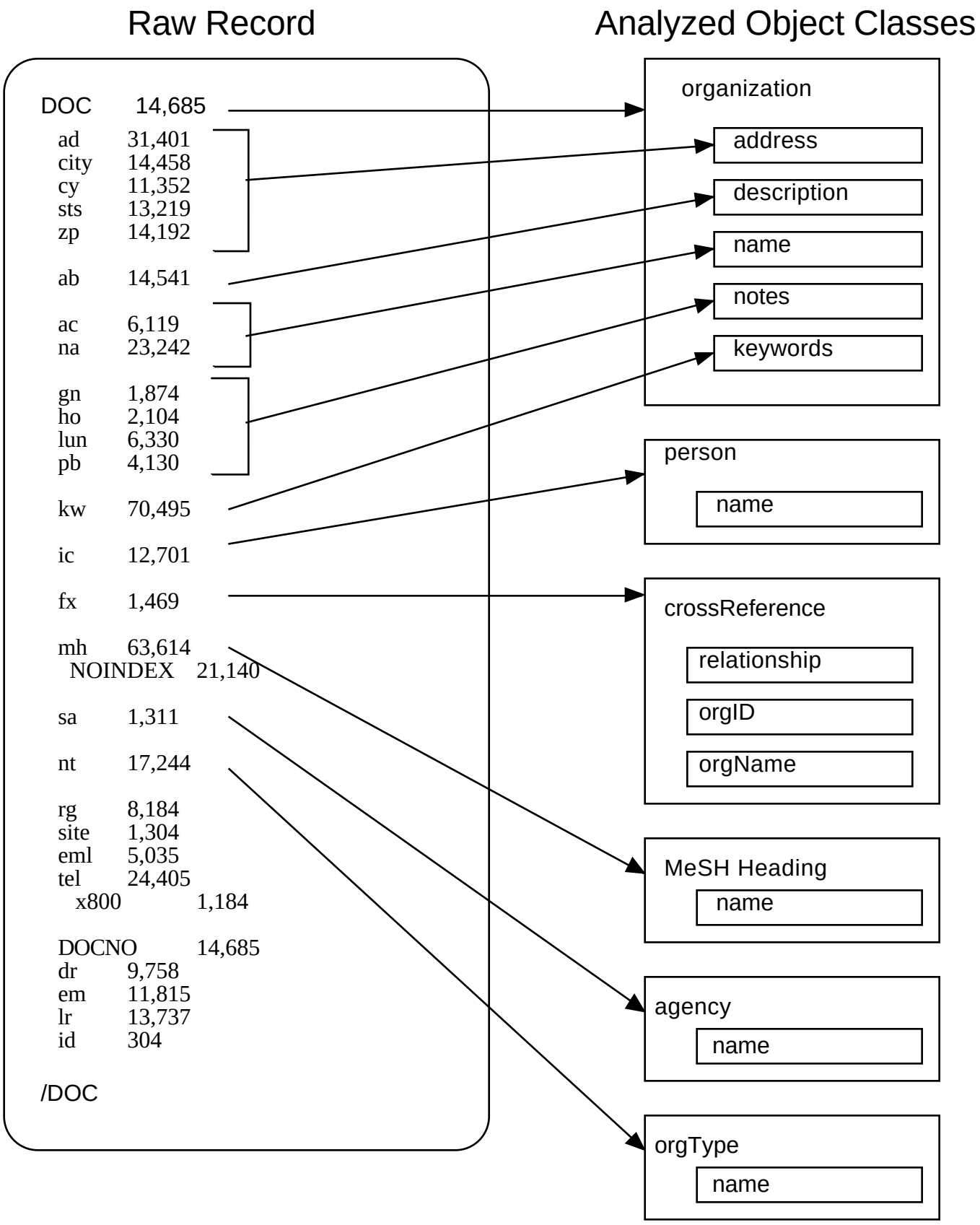NLM DirLine Analysis