

Data serialization is not often a bottleneck for modern applications. However, with the rising popularity of Python and constantly increasing requirements for speed, a faster Avro serialization library was necessary. We developed a solution for Avro serialization in Python that uses automatically generated code and speeds the process of serialization 1.5 to 3.5 times compared to the fastest available alternative. The solution is available in the form of a Python library under the name `Serializer`.