Experiments to Understand Avro Schema:   
Generation, Compatibility and Schema Evolution

# Summary:

* the generation of fields depends on the chosen datatype
  + primitives can’t be NULL, objects can be NULL, thus, the field is nullable for objects only
* public fields appear in the schema always
* private or protected fields, which have a Getter/Setter methods appear in the schema
* references to the same class work
* references to other classes work (HOW DEEP???)

# Demos:

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| Generation of a Java class from a given Schema   * We use a local copy of the schema file in folder: src/avro/mmpojo.avsc * The Avro-Maven plugin processes only files with extension [.avsc]   MMPojo.java is the result of the Schema generation via Maven plugin.  mvn generate-sources | A screenshot of a cell phone  Description automatically generated |

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| Generate AvroSchema from private Java classes |  |

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| Generate AvroSchema from Java class from any package |  |

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| Generate AvroSchema from generated Java class |  |

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| Test schema compatibility for 2 persisted schemasTest schema compatibility for modified schema |  |