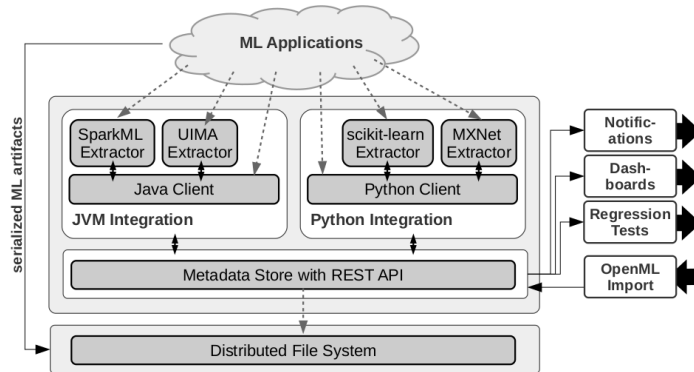# Automatically Tracking Metadata and Provenance of ML Experiments
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- **a lightweight system to extract and manage metadata and provenance information of common ML artifacts**

- **accelerates workflow**, provides **basis for comparability** and **repeatability** of experiments, establishes **repository for meta learning**

- tracks **lineage of produced artifacts** and **automatically extracts metadata** such as hyperparameters of models, schemas of datasets or layouts of deep neural networks

- provides **declarative representation of ML artifacts**, integrates with **MXNet**, **SparkML** and **scikit-learn**