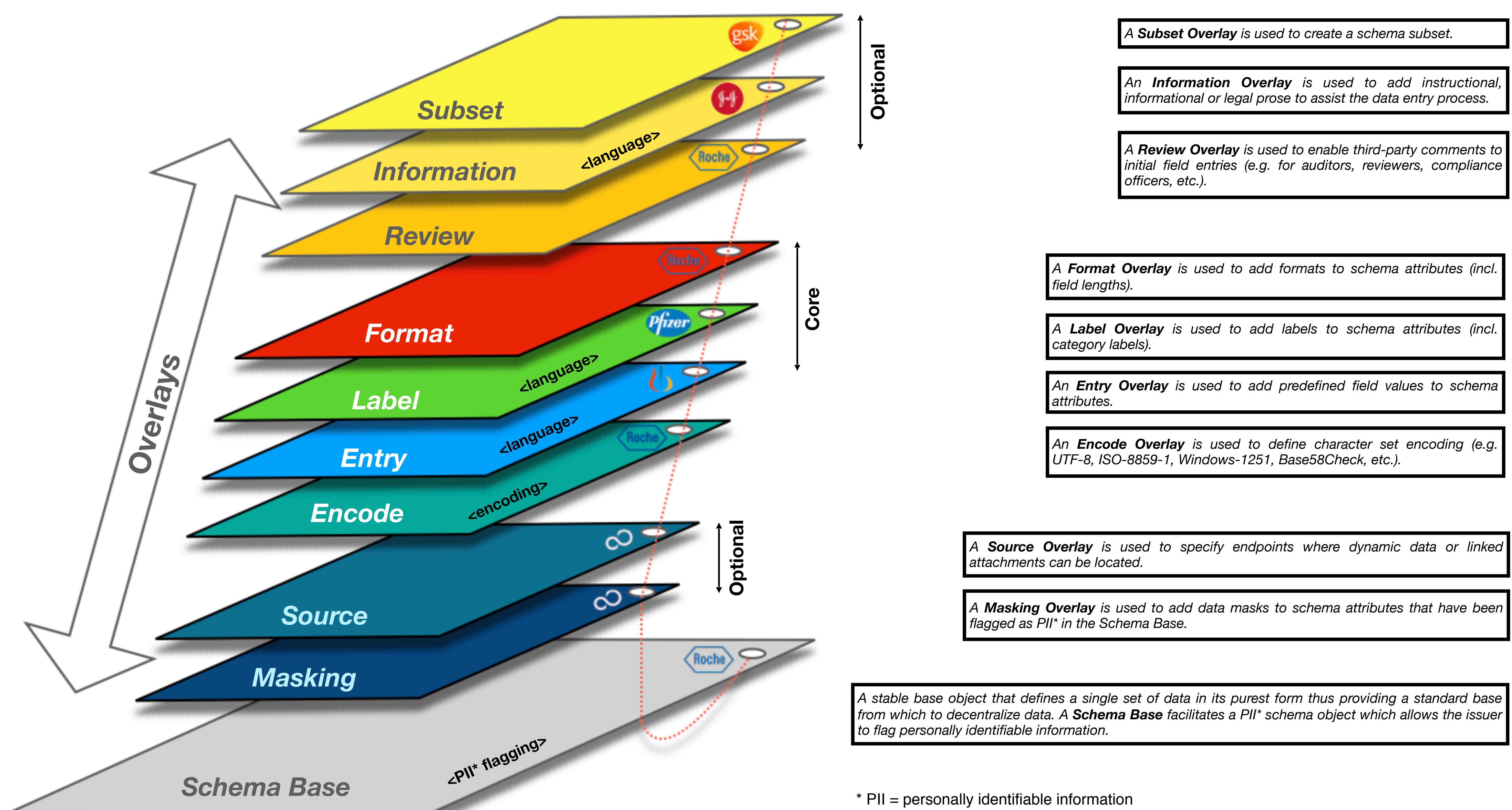


Overlays data capture architecture (ODCA)

Providing a standardized global solution for data capture and exchange

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Why is ODCA useful?

Data pooling. Decoupling can occur at any time as overlays are linked objects. With all coloration stored in the overlays, combining data from related sources becomes much easier. Overlays can be removed from the base objects before the data merging process begins and reapplied to ensure consistent coloration post data pooling.

PII encryption. Using the Blinding Identity Taxonomy (BIT) as a reference, issuers can flag PII* attributes in the schema base. With PII attributes flagged at the base object layer, all corresponding data can be treated as sensitive throughout the data lifecycle and encrypted or removed at any stage making associated entity identification impossible.

Stable schema bases. Most schema updates tend to be done at the application stage. In the case of ODCA, all extension, coloration, and functionality definitions are applied in the overlays. This enables issuers to edit one or more of the linked objects to create simple updates rather than having to reissue schema bases on an ongoing basis.

Data decentralization. ODCA ensures that schema base definitions can remain in their purest form thus providing a standard base from which to decentralize data. Any entity contributing data to a decentralized data lake for consented third-party use can capture data using open source generic schema bases. This ensures that captured data is standardized prior to data lake migration.

ODCA facilitates a unified data language

