

Realizzazione di un data provider per l'integrazione e l'esportazione di dati finanziari

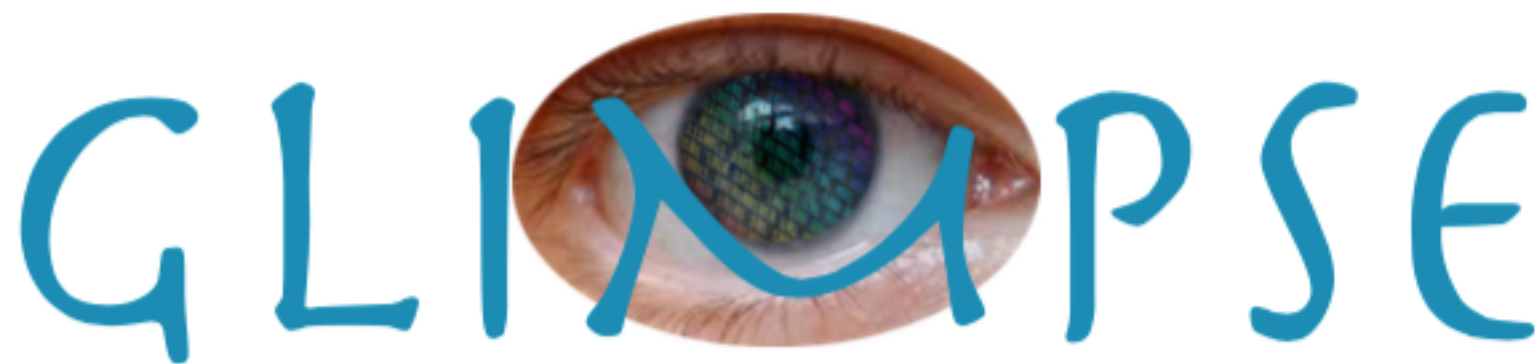
Relatore
Prof. Luca Cabibbo

Correlatore
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Laureando
Antonio Martinelli

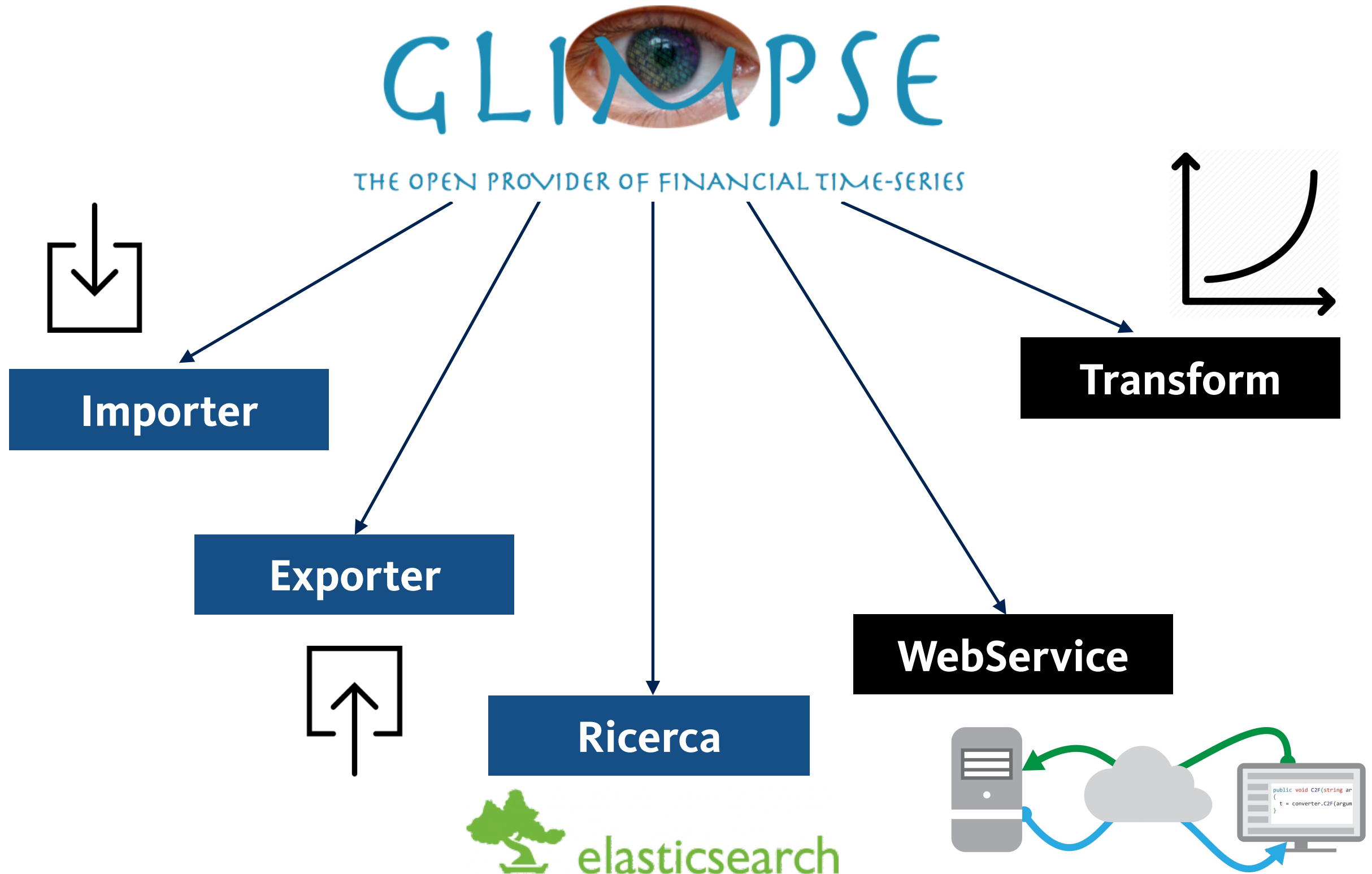
Tutor
Ing. Eleonora Laurenza

Cos'è Glimpse?

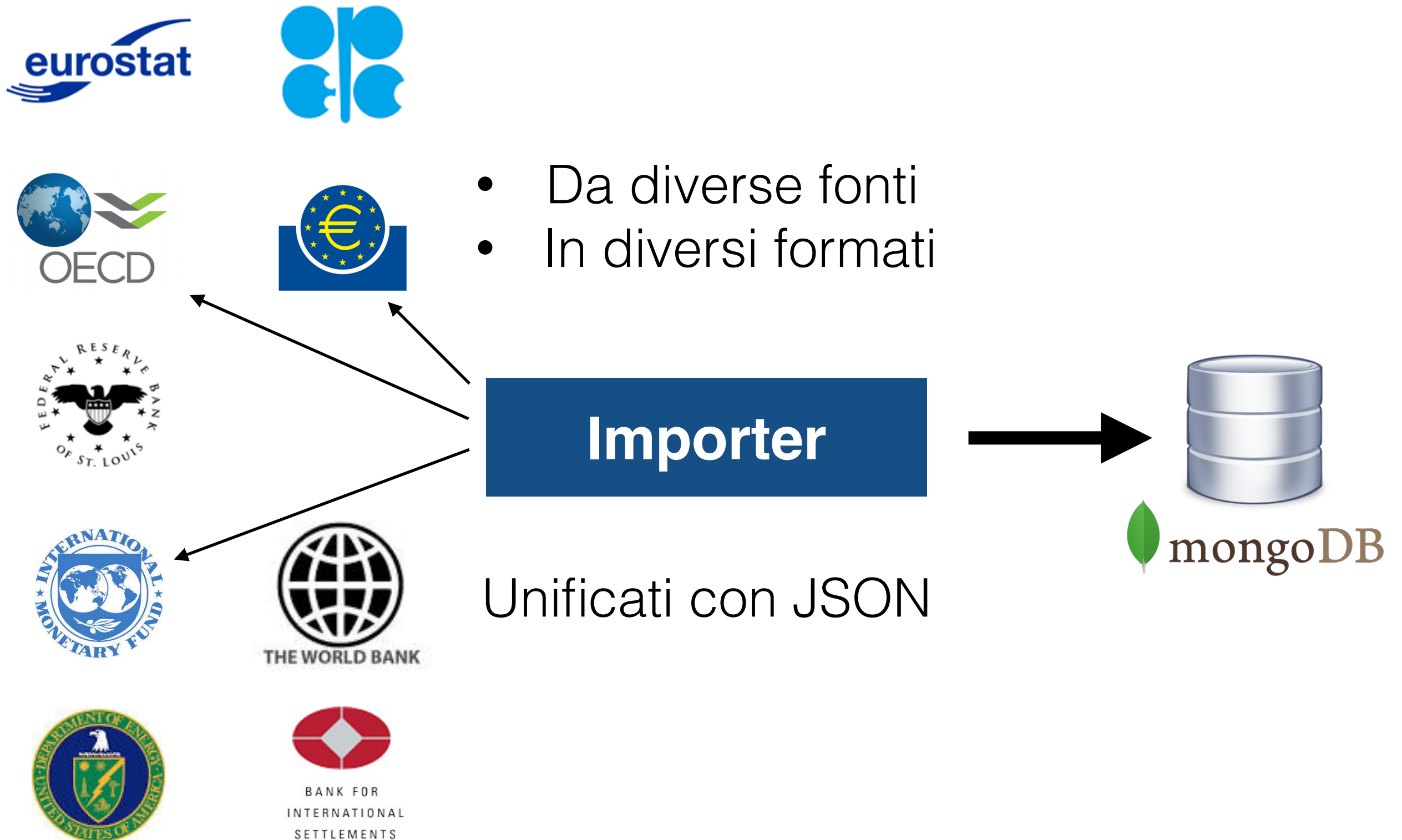


THE OPEN PROVIDER OF FINANCIAL TIME-SERIES

Componenti dell'applicazione



Il processo di import



I numeri di OECD



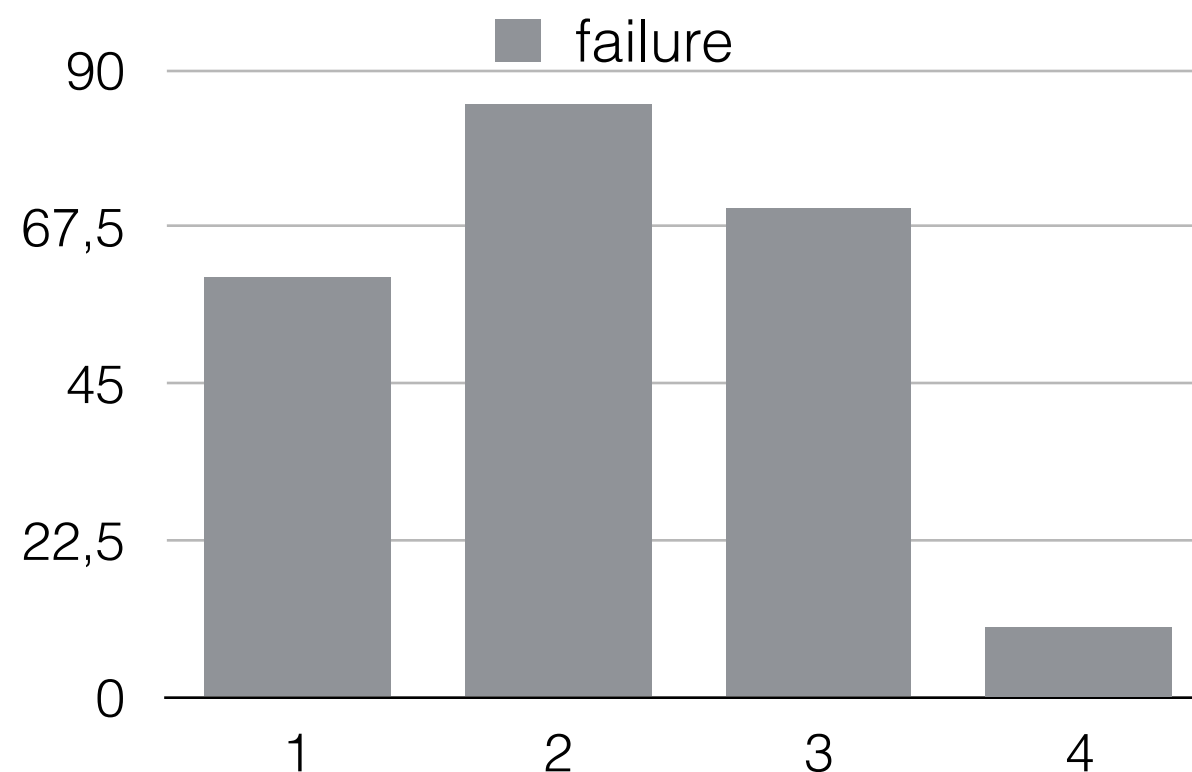
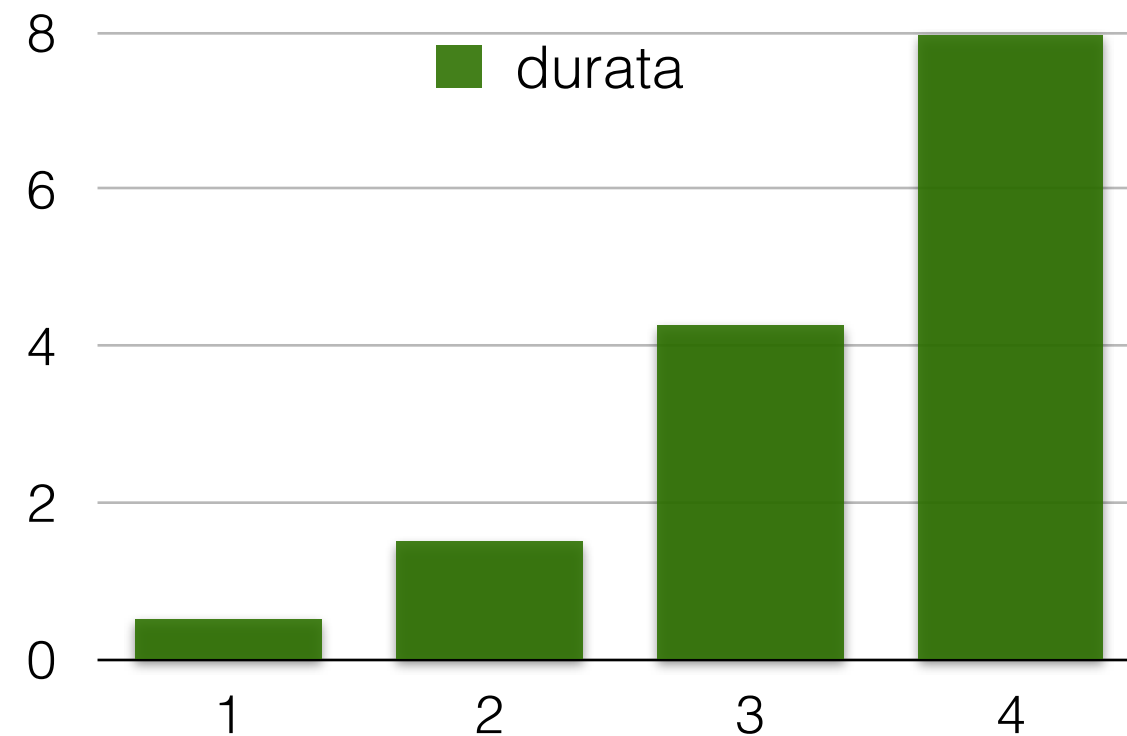
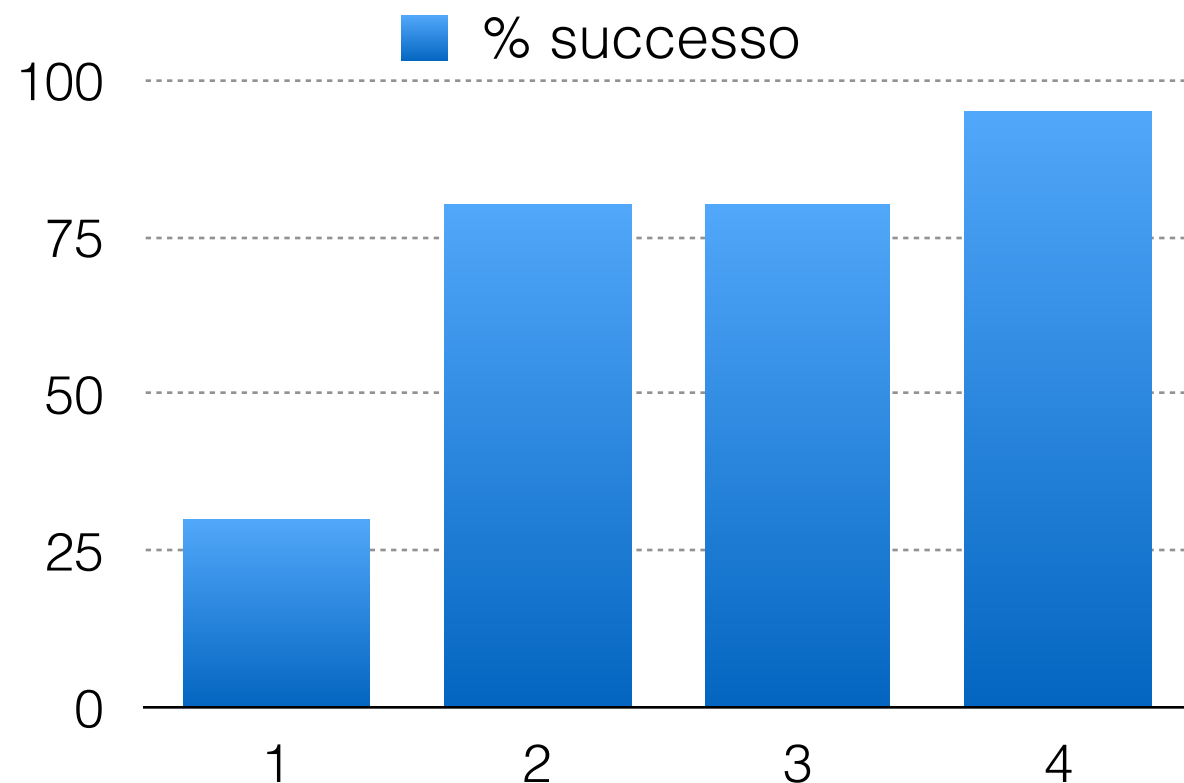
1005 datasets
6+ millions time series



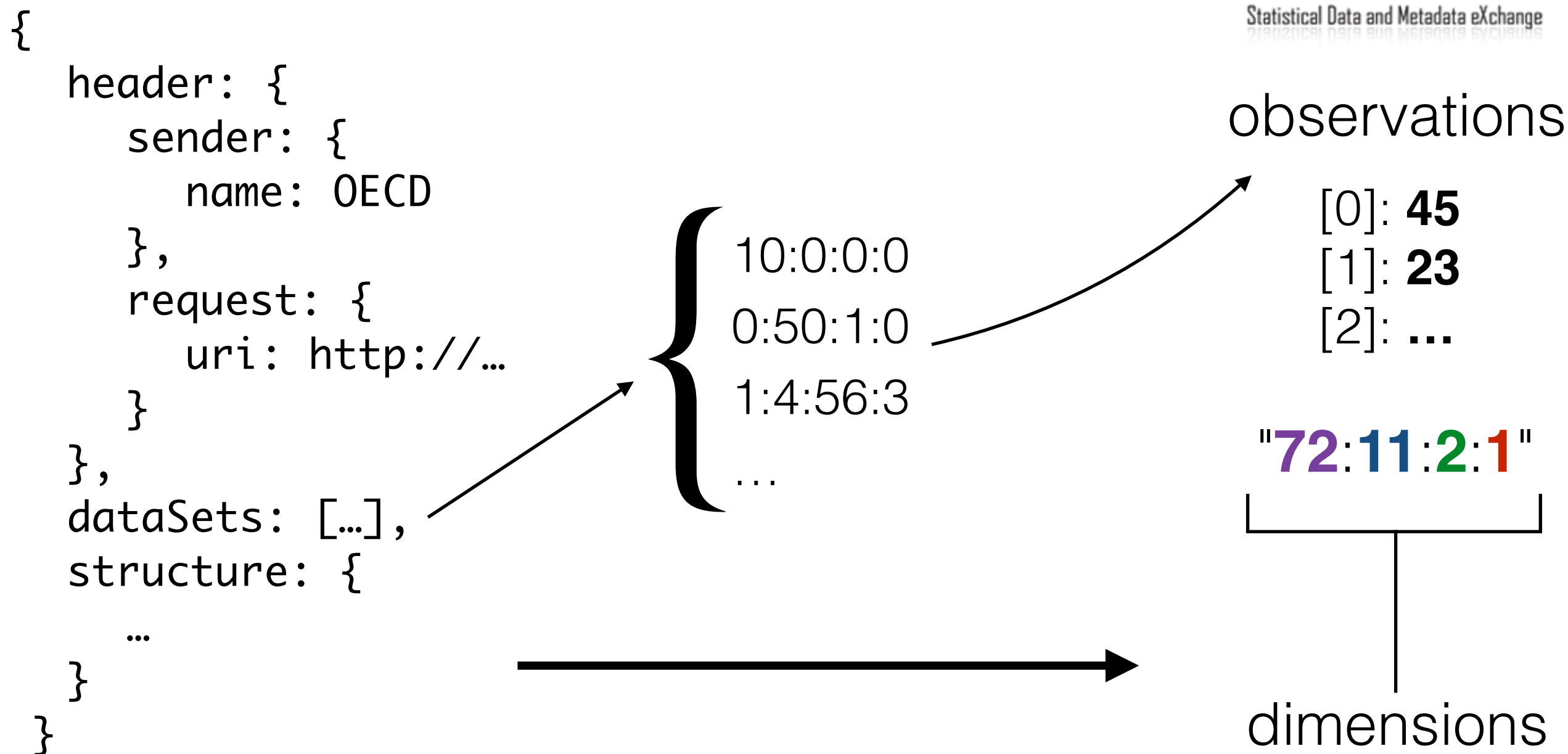
Approcci per l'indicizzazione



1. concorrente
2. retry
3. download-first
4. down-and-process



La struttura dei dati offerti da OECD



L'export dei dati

L'uniformità dei dati si presta alla traduzione in altri formati



Necessità di adattare lo standard

```

{
  header: {
    sender: {
      id: Glimpse,
      name: ...
    },
    request: {
      uri: http://glimpse.com/...?format=SDMX
    }
  },
  dataSets: [...],
  structure: {
    ...
  }
}
  
```

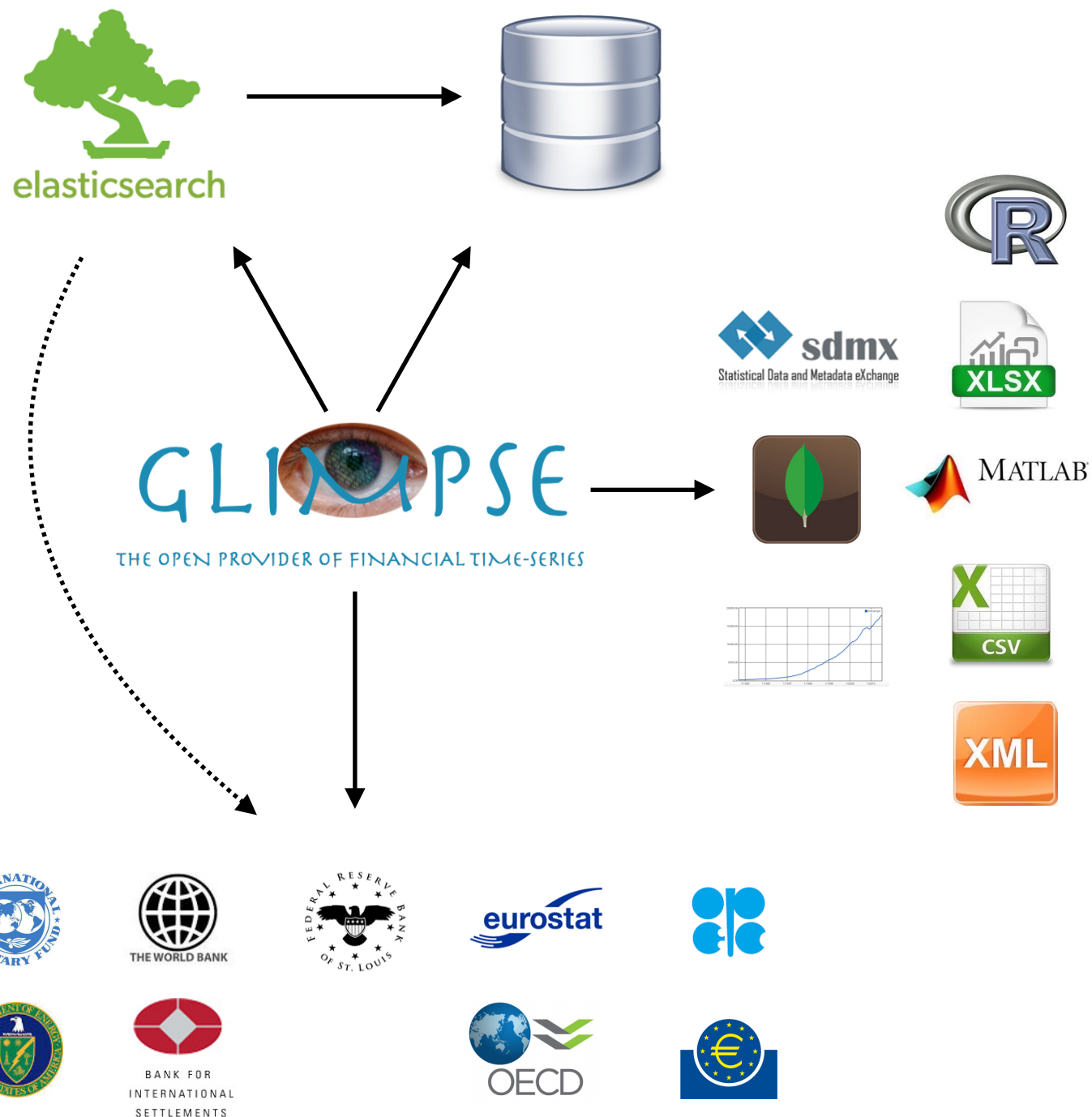
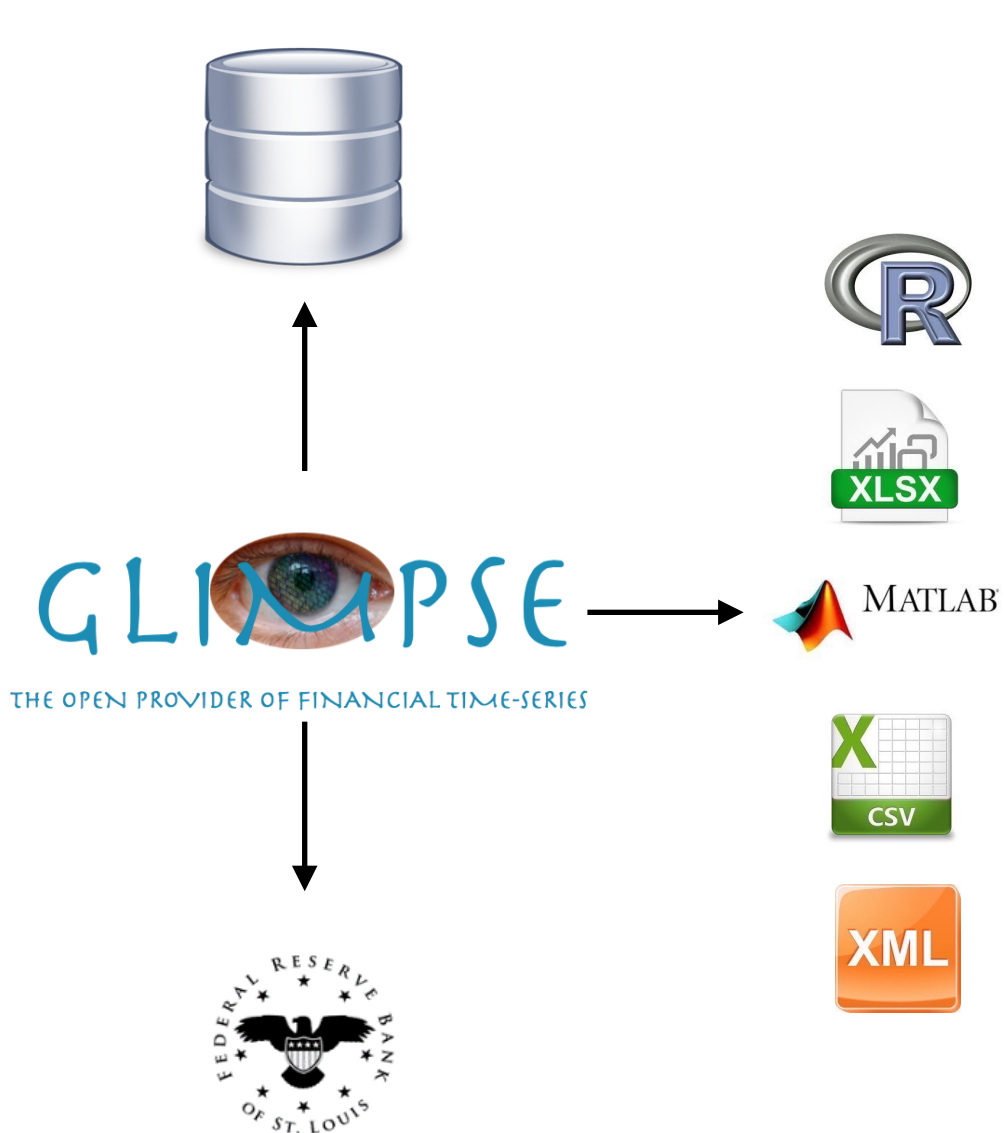


observations

"x:y"

time series

Conclusioni



Integrazione di basi di dati eterogenee per la gestione di serie storiche



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