



The **3cixty Knowledge Base**, a city curated **data marketplace**. It contains 30K events, 230K places, 100K reviews, 10K transportation facilities within the city of Milan

ExplorMI 360 multi-device application
Planning a visit: web application
Exploring a city: mobile application

20 data sources:

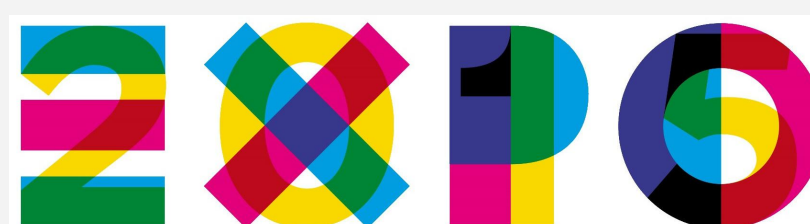
- Local (E015)
- Specialized (Expo)
- Global (such as Google Places, Facebook)

Variety

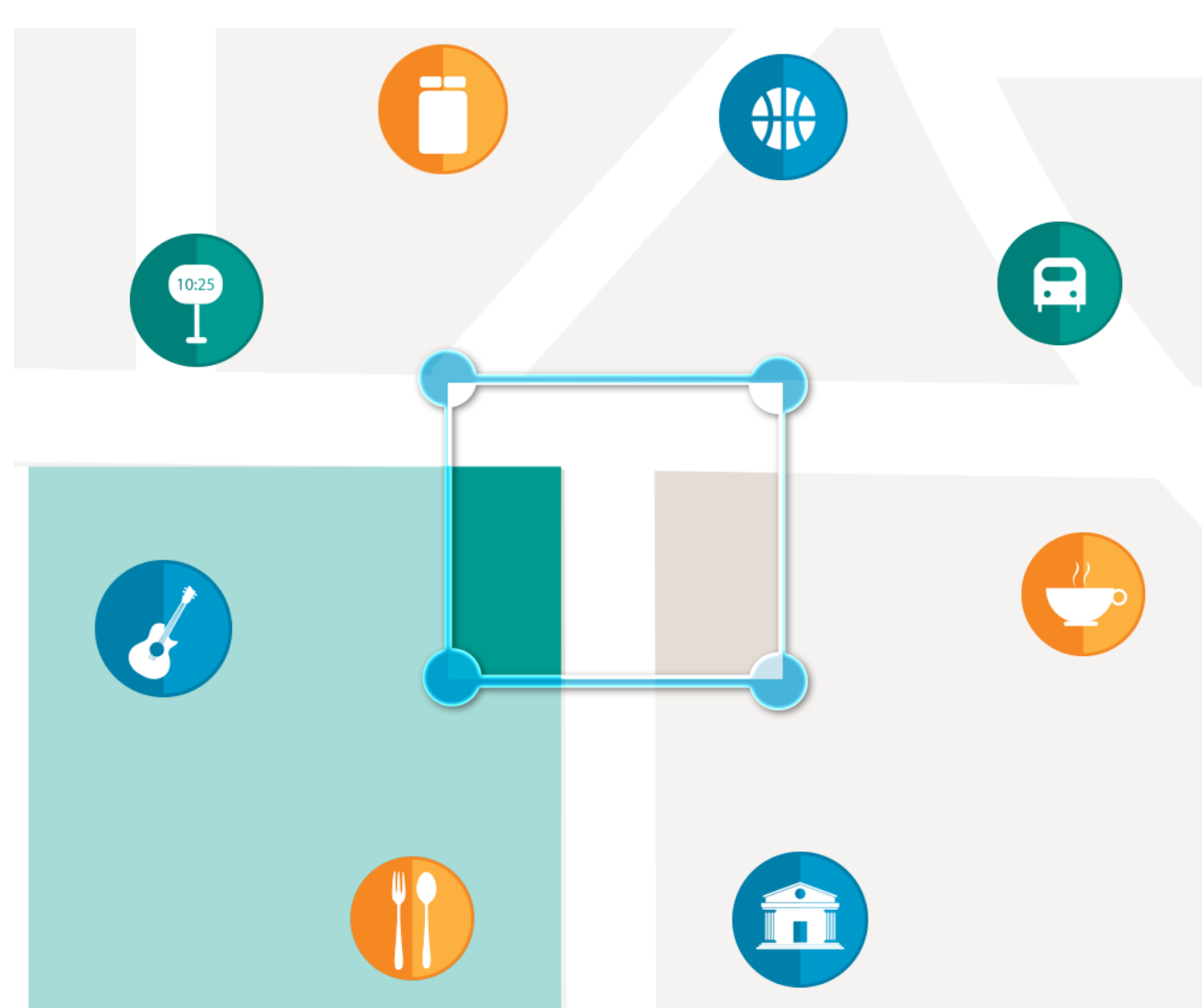
Authority

Velocity

E015
digital ecosystem
Powered by EXPO MILANO 2015

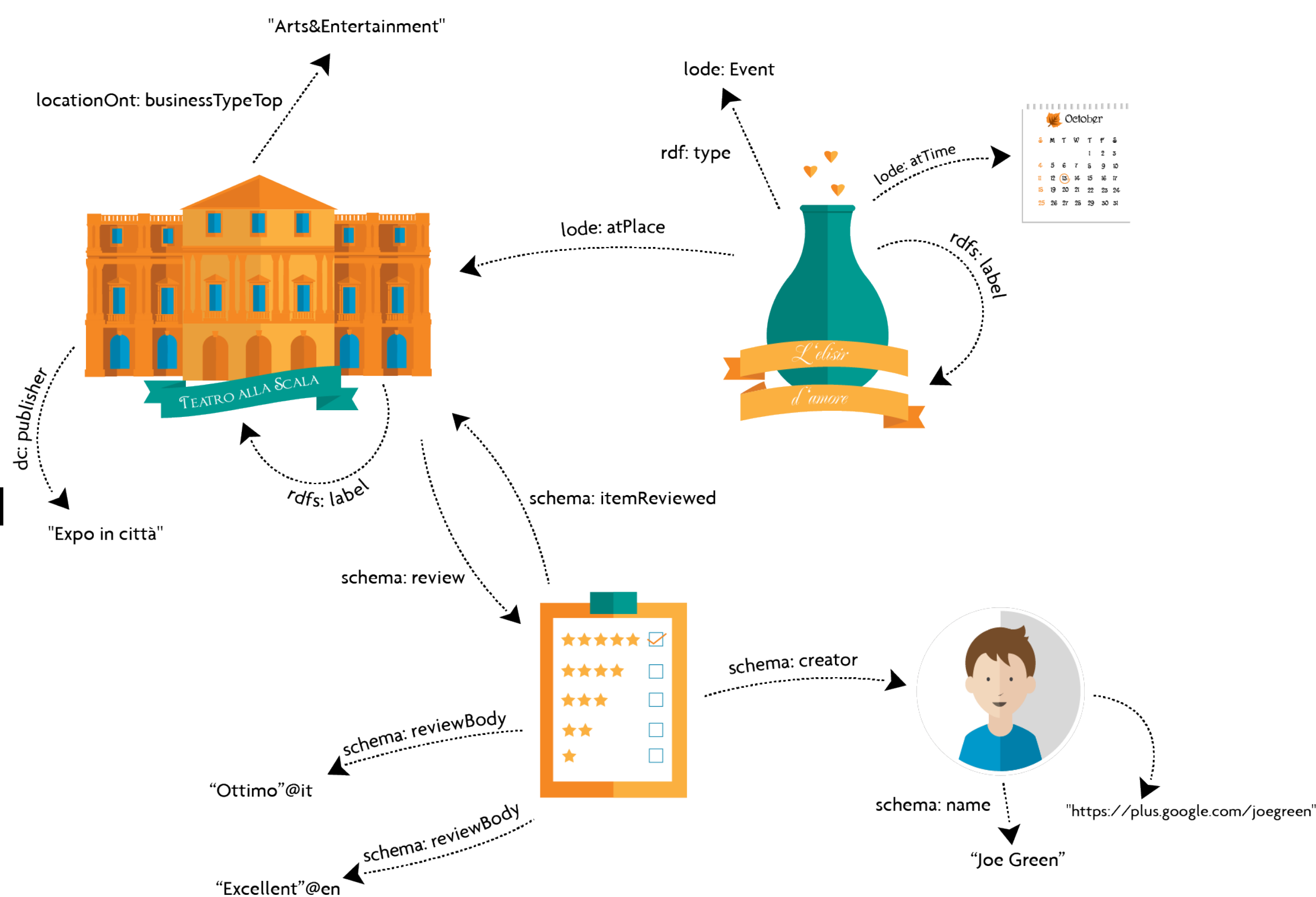


Volume



A city is decomposed into **cells**

Instances are described following the **3cixty data model**



Places and events are **deduplicated**

$$f_p = \text{sum}(\alpha_p * \text{label}_p, \beta_p * \text{geo}_p, \gamma_p * \text{address}_p)$$

$$f_e = \text{sum}(\alpha_e * \text{label}_e, \beta_e * \text{geo}_e, \gamma_e * \text{time}_e)$$

From a manually created Gold Standard of 100 randomly sampled events and 100 randomly sampled places, we perform with an accuracy of **99.6%** and **90.24%** respectively

