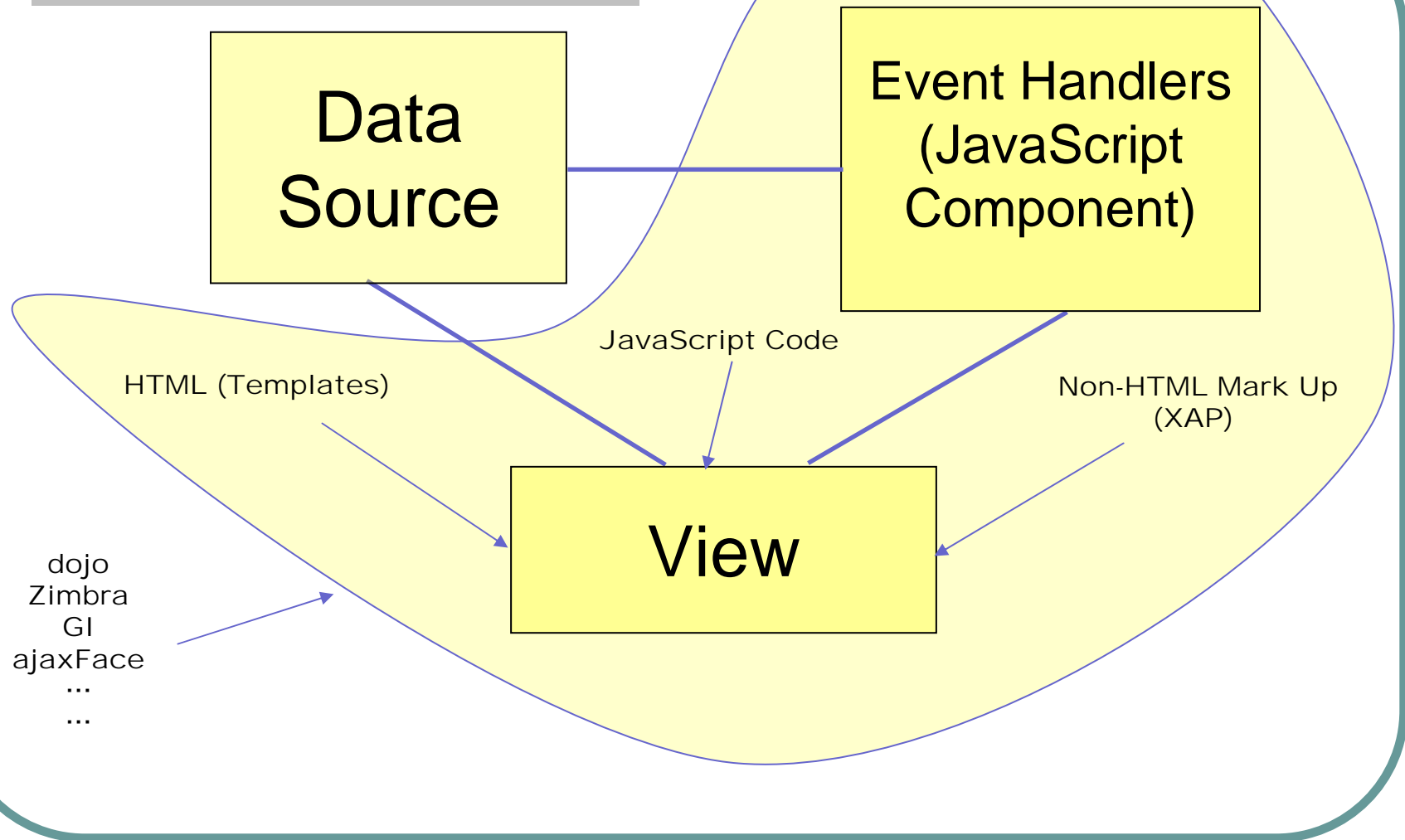


Open AJAX October 2006

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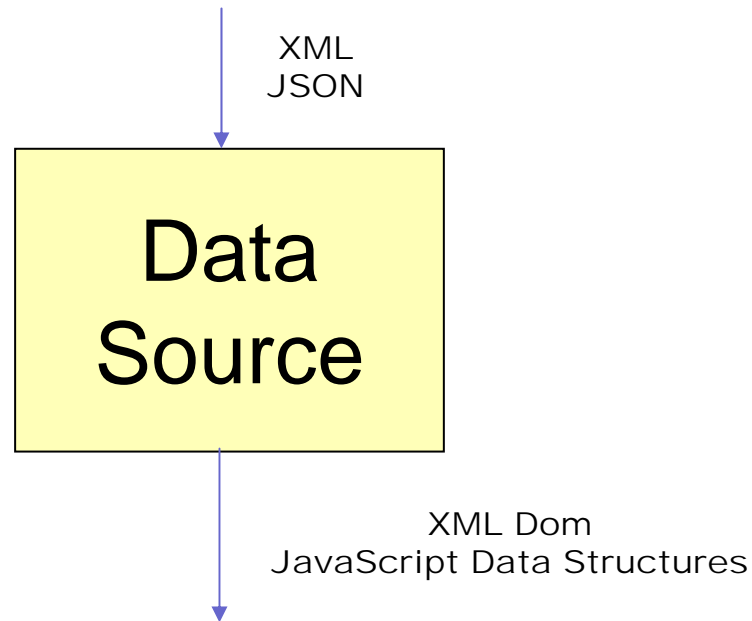
Current State of AJAX UI

AJAX Frameworks are doing a good job on view and controller front ...



Data Source

... but little attention is paid to standardization of data source beyond transport



Some standardization of DOM / Data Structures presented to UI is possible

Data Source Representation

- Data Structures
 - Object
 - Object Collection (List of objects)
 - Object Tree (a tree of interrelated objects)
- Change Sets

Standardization of Object

- Properties:
 - UUID
 - Class name
 - Date/Time Creation
 - Data/Time Last Update
 - Version
 - Access Control
 - Index (non persistent property, when the object is inside a collection)

Metadata of object

- Minimal properties:
 - Class name
 - Application key
 - Associations
 - Name of association
 - One to one/ One to many

Change Set

- Created Objects (names/values)
- Objects' modification (UUID, names/values)
- Deleted Objects UUID
- Reordered objects (UUID and sequence number changes)
- Association Changes (old parent and new parent)