

The Browser's High Level Structure

THE BROWSER'S MAIN COMPONENTS:

1. The user interface

this includes the address bar, back/forward button, bookmarking menu etc, except the window where you see the requested page.

2. The browser engine

marshals(安排) actions between the UI and the rendering engine.

3. The rendering engine

responsible for **displaying requested content**.

4. Networking

for network calls such as HTTP requests.

5. UI backend

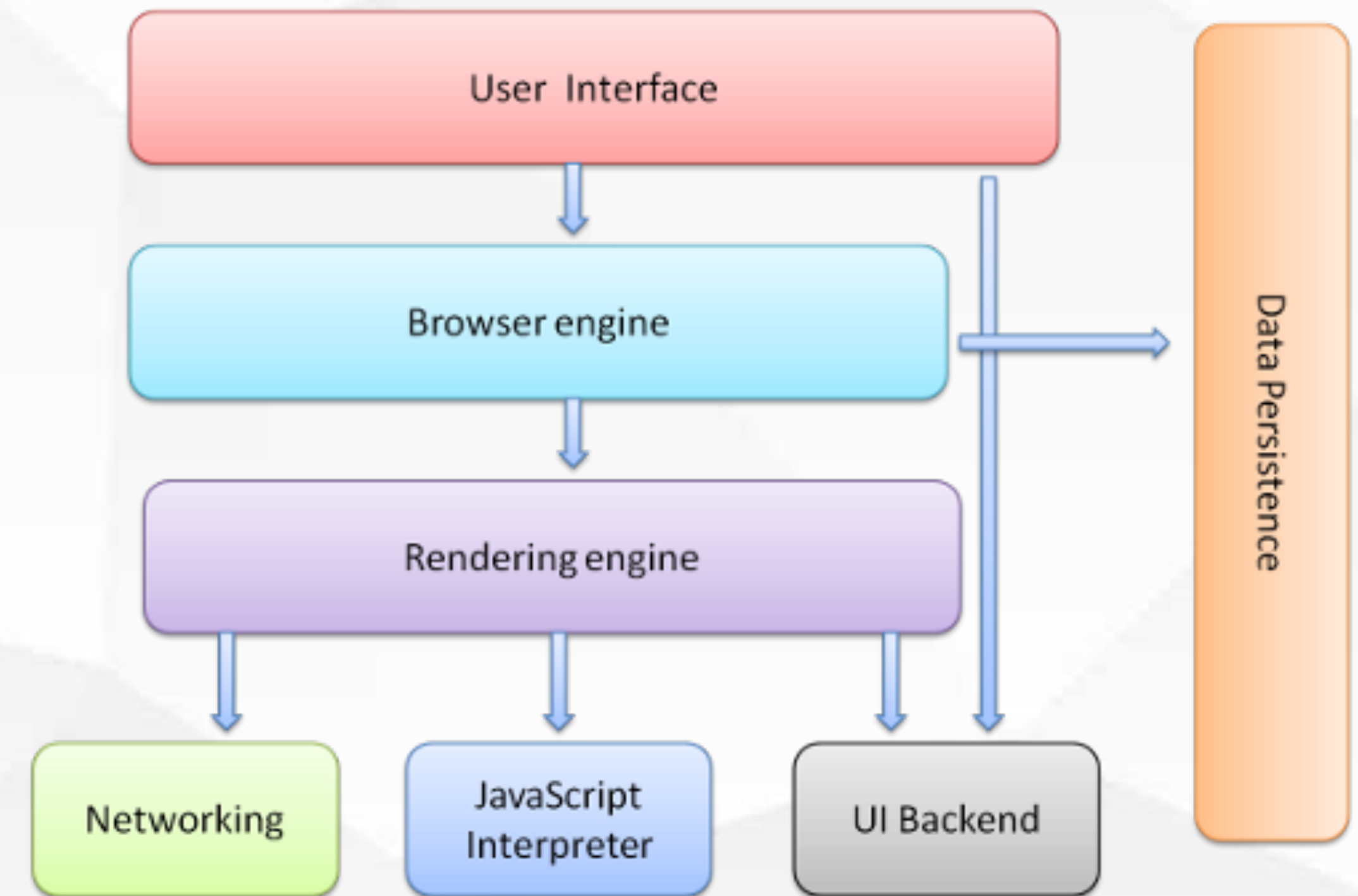
used for drawing basic widgets like combo boxes and windows. This backend exposes a generic interface that is not platform specific.

6. JavaScript interpreter

Used to parse and execute JavaScript code.

7. Data storage

Persistence layer to save all sorts of data locally, such as cookies localStorage, IndexedDB, WebSQL and FileSystem.



MAIN COMPONENTS OF BROWSER

The background features a complex geometric pattern of overlapping triangles in various shades of light gray and white. Scattered across this pattern are small, dark gray icons of stars and crescent moons, giving the impression of a starry night sky.

2.The rendering engine