

The background features a repeating pattern of overlapping triangles in two shades of light gray. Scattered across this pattern are small, dark gray icons of stars and crescent moons.

## **1.Introduction**

# 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

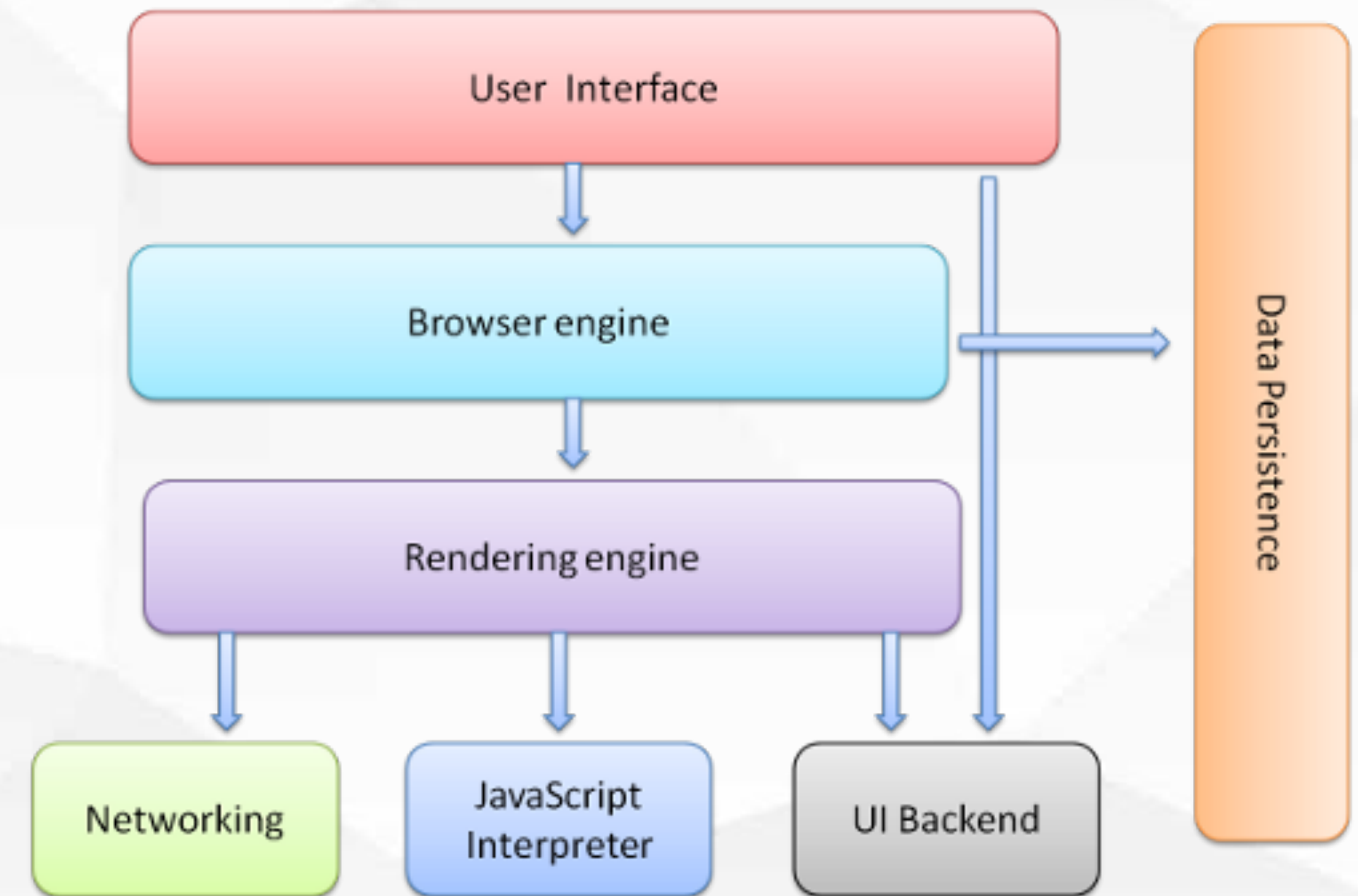
used for drawing basic widgets like combo boxes and windows. This backend exposes a generic interface that is not platform specific.

## 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