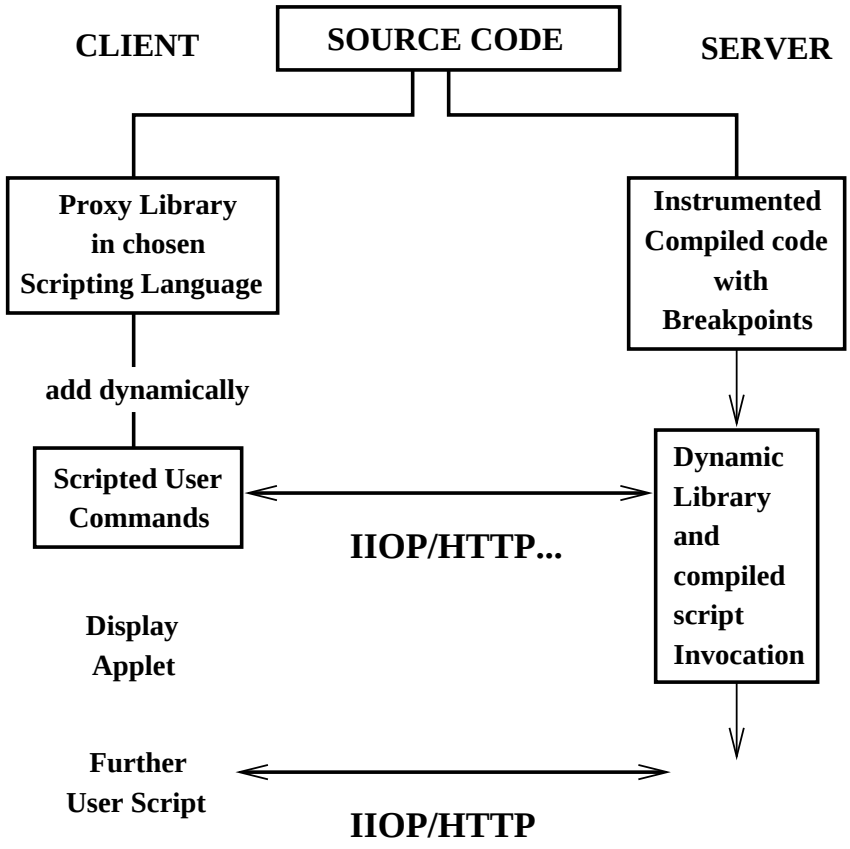INTERPRETED PROXIES