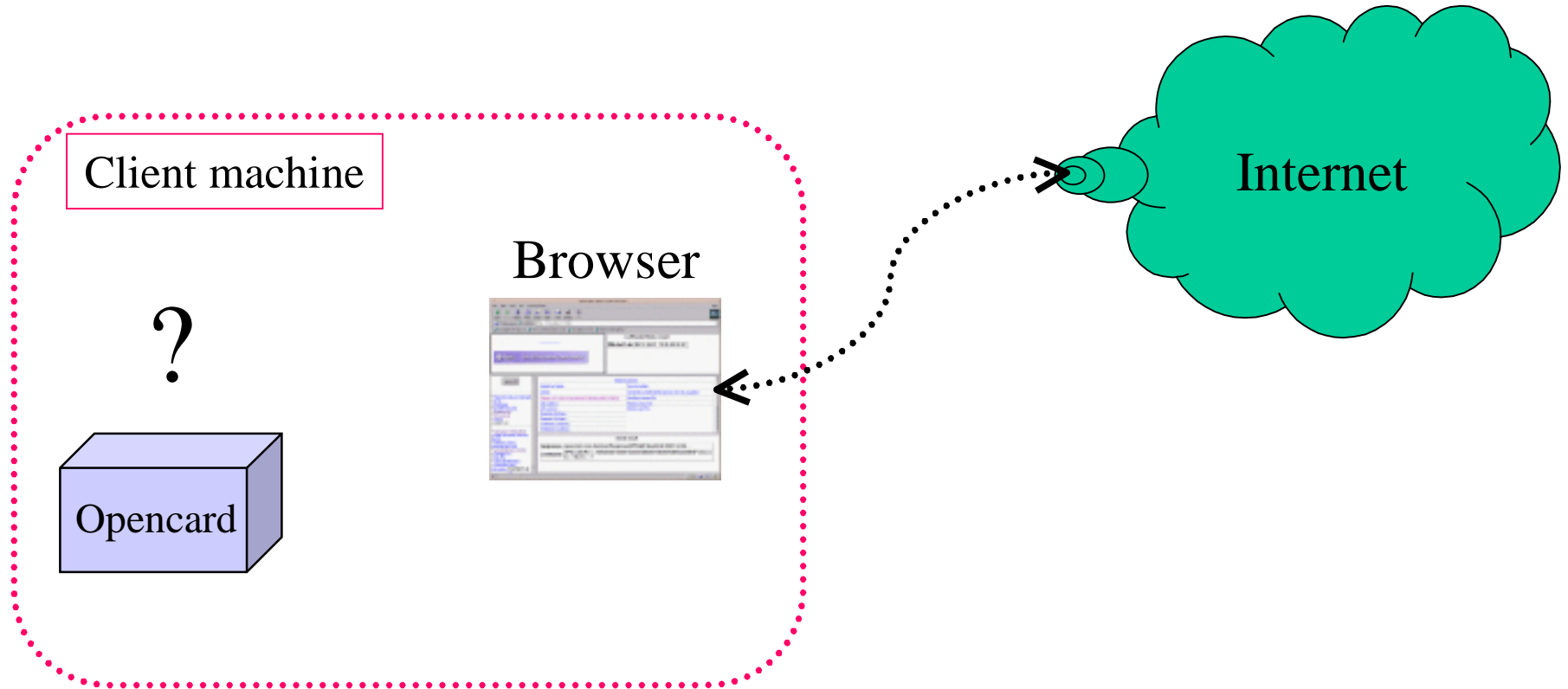
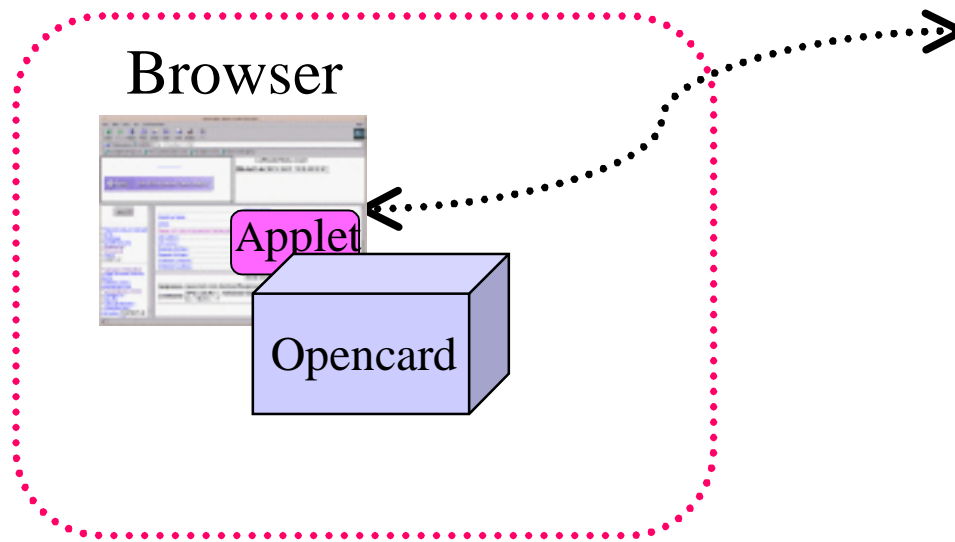


OpenCard and Web Applications



OpenCard and Web Applications

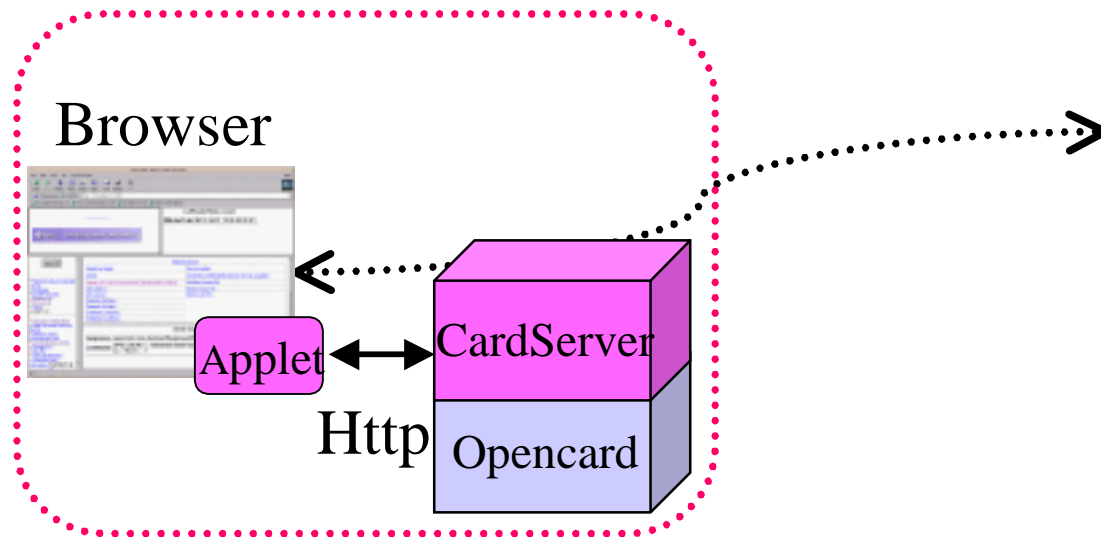
Current Approach



- Browser security models are different
- Browser Java implementations are different
- Applets can be large
- No resource management provided

OpenCard and Web Applications

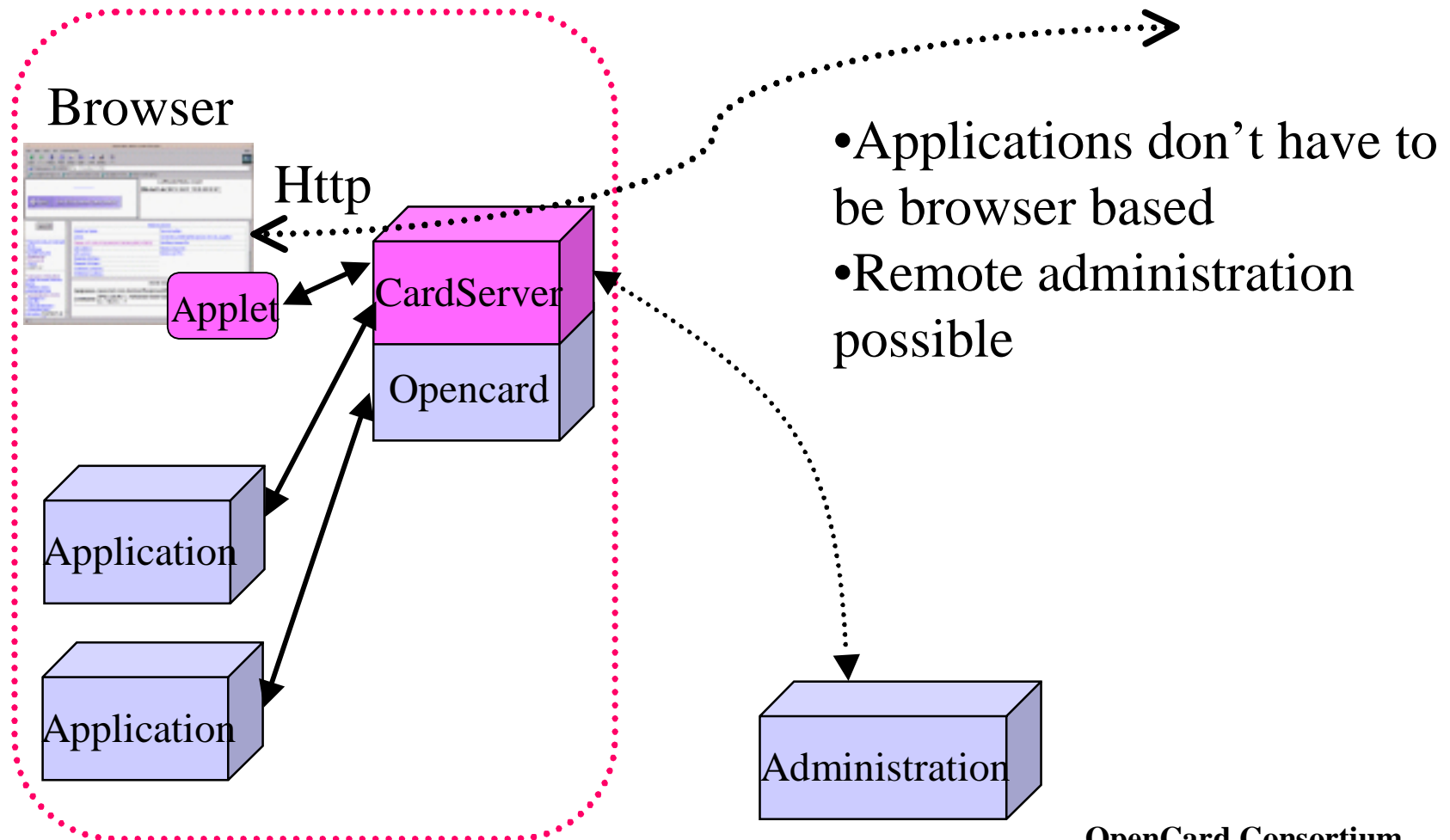
UPI - a Url Programming Interface



- No browser specific code required
- Applets are simple (JDK1.02)
- Platform resource management provided
- Facilitates the development of card services

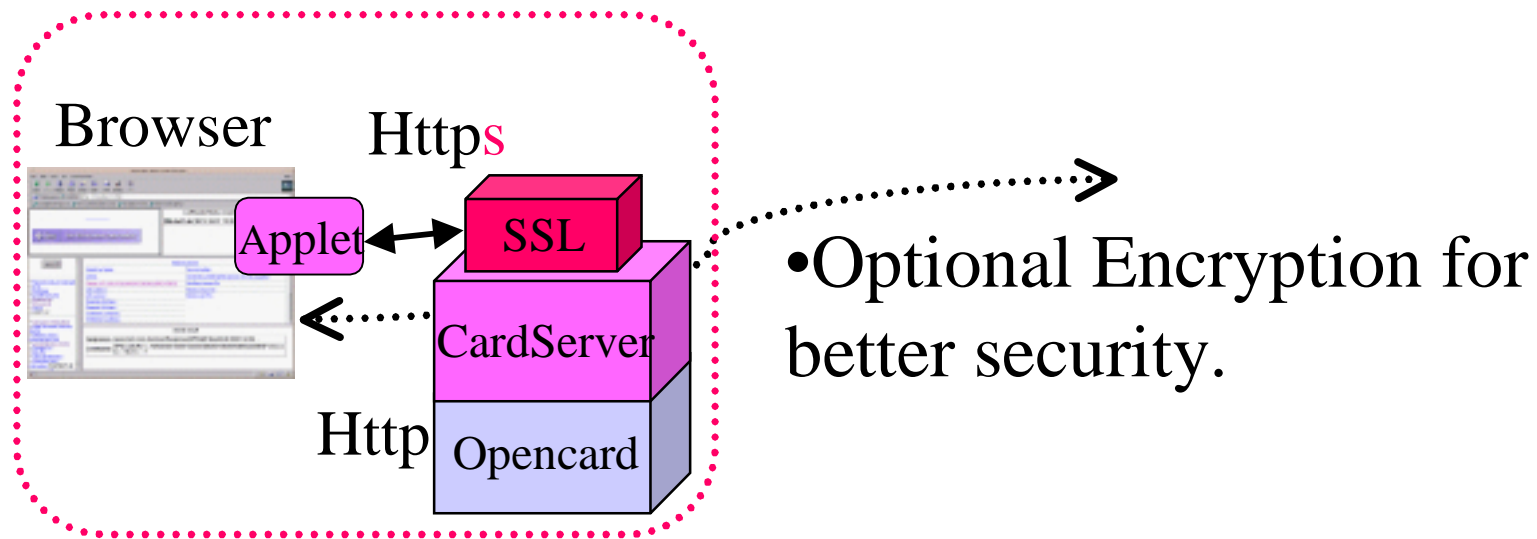
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UPI - a Url Programming Interface

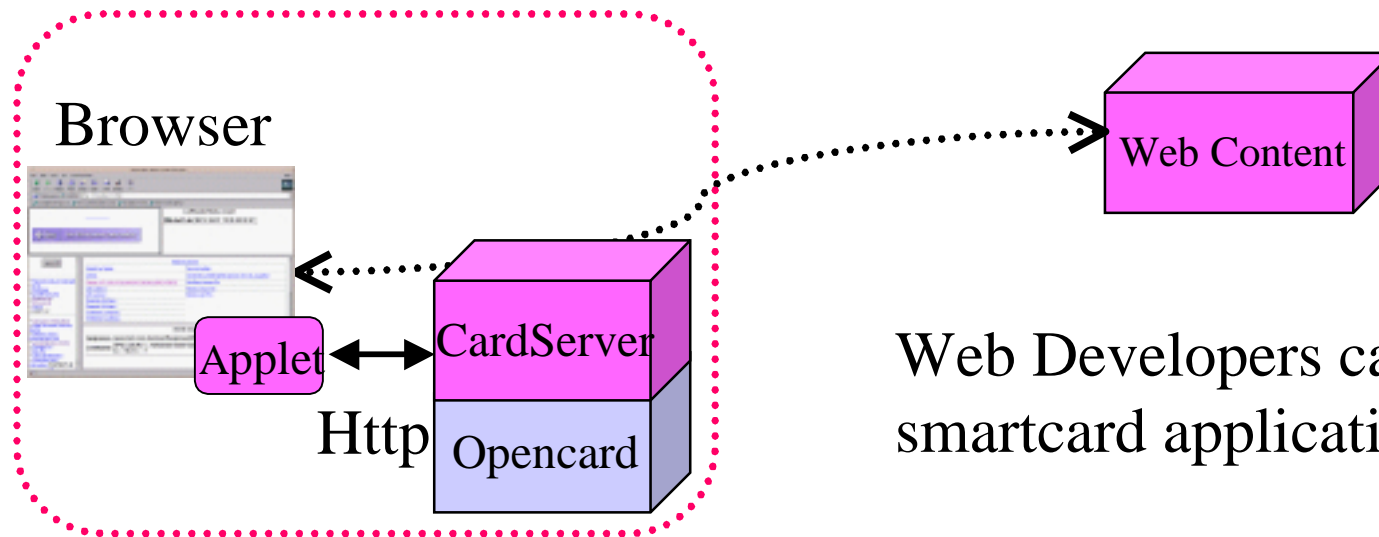


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UPI - a Url Programming Interface

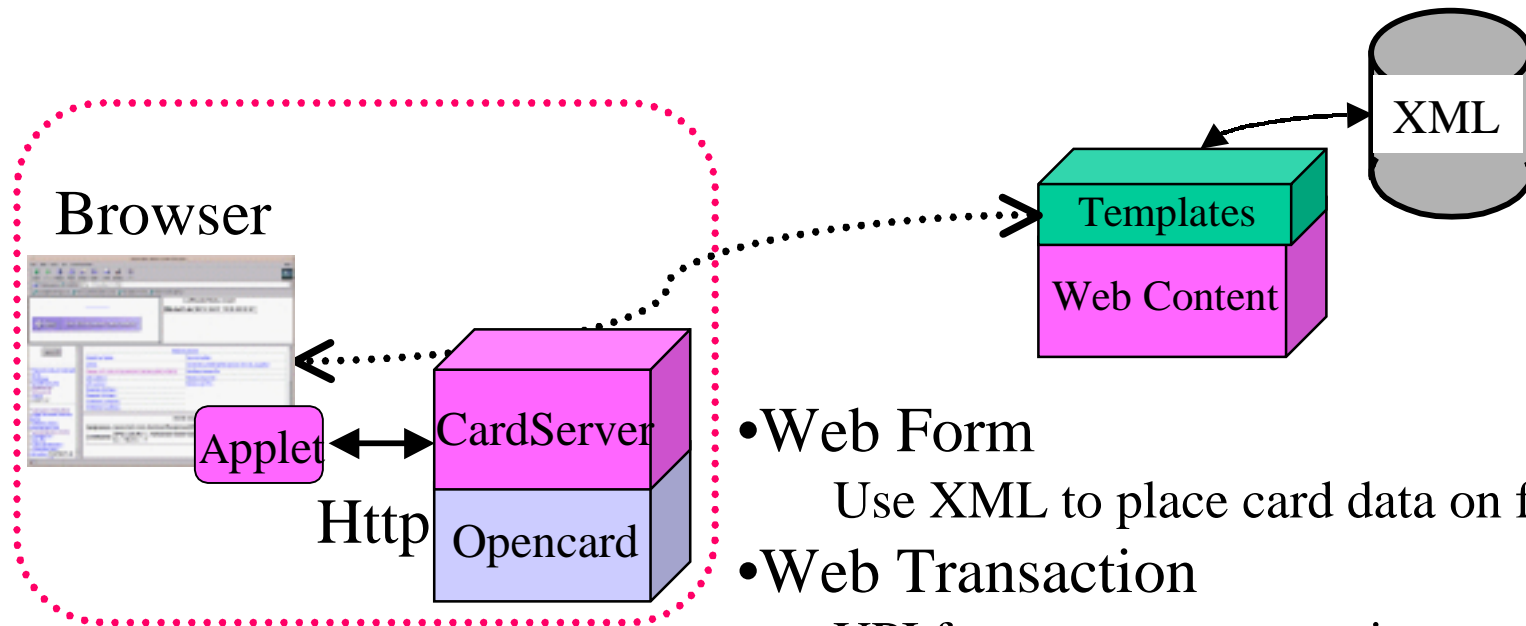


OpenCard and Web Applications



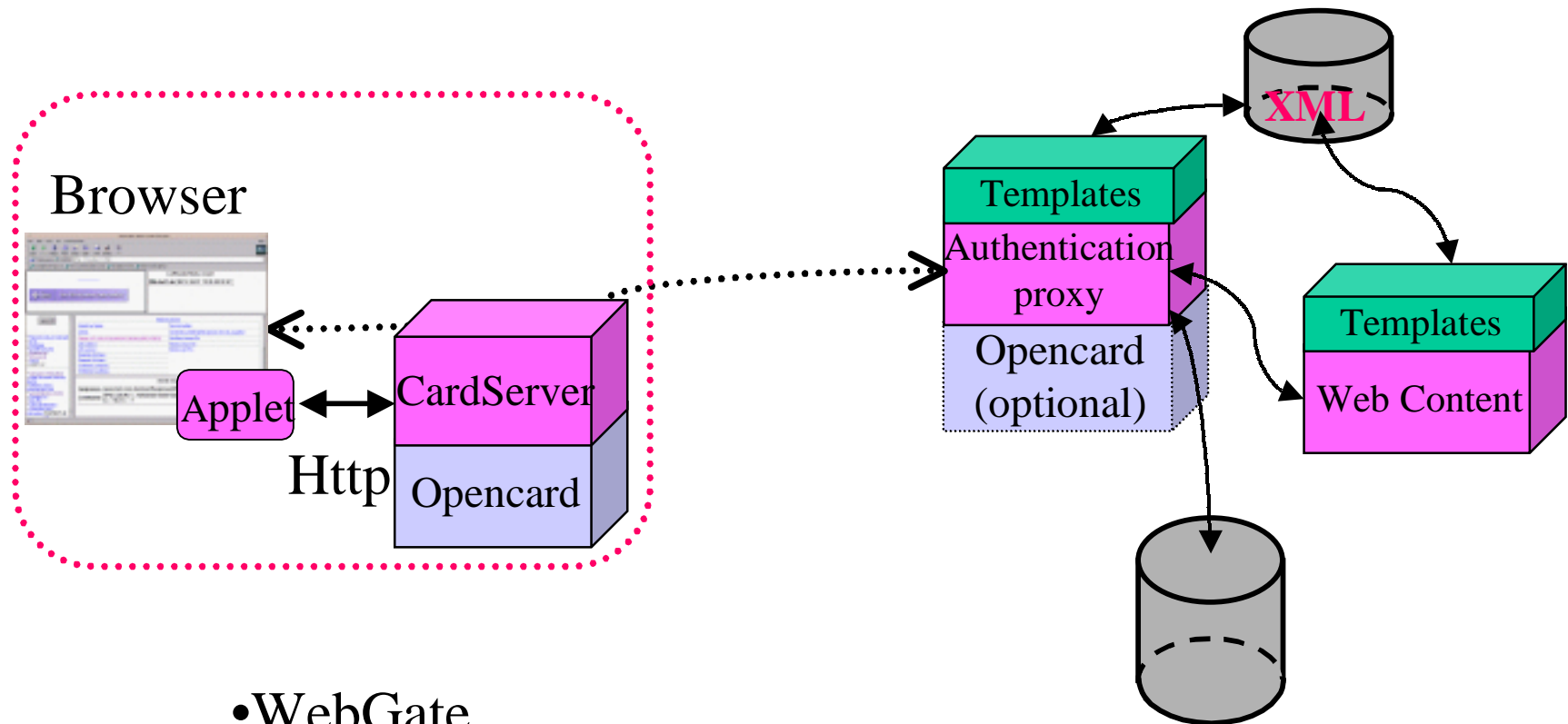
Web Developers can deploy smartcard applications

OpenCard and Web Applications



- **Web Form**
Use XML to place card data on form
- **Web Transaction**
UPI for payment transactions
- **Web smartcard UPI**
UPI for loading, testing, administration
- **Web Profile**
Store preferences on smartcard

OpenCard and Web Applications



•WebGate

Conditional access to URLs

Access
Control