

Link App SDK

The Link logo consists of the word "link" in a white, lowercase, sans-serif font, centered within a red square.

Now, it's easy to do real work while mobile.

Link is a single, secure app with all of your work applications and files.

The Link App Software Development Kit offers enterprise Web developers a comprehensive HTML5-based set of development tools that can be used in collaboration with Link. Using the SDK, enterprise development teams are able to migrate existing enterprise Web applications quickly and efficiently for use on mobile devices by following simple, familiar steps.

In addition, the SDK enables developers to write new custom applications for both fixed and mobile use, starting with existing code, using familiar Web based tools and techniques. The SDK is standards-based, open-source and free.

With the Link App SDK you can...

- Build rich, secure mobile apps that allow users to complete complex multi-step workflows efficiently from personal smartphones and tablets in weeks and not months.
- Enable your Web developers to build cross platform mobile apps with features like real-time push notifications, offline access, GPS and camera, using existing skills.
- Easily access back-end systems to enable enhanced productivity and information access while mobile.
- Deliver immediate benefits to users by leveraging existing IT infrastructure, people and systems.

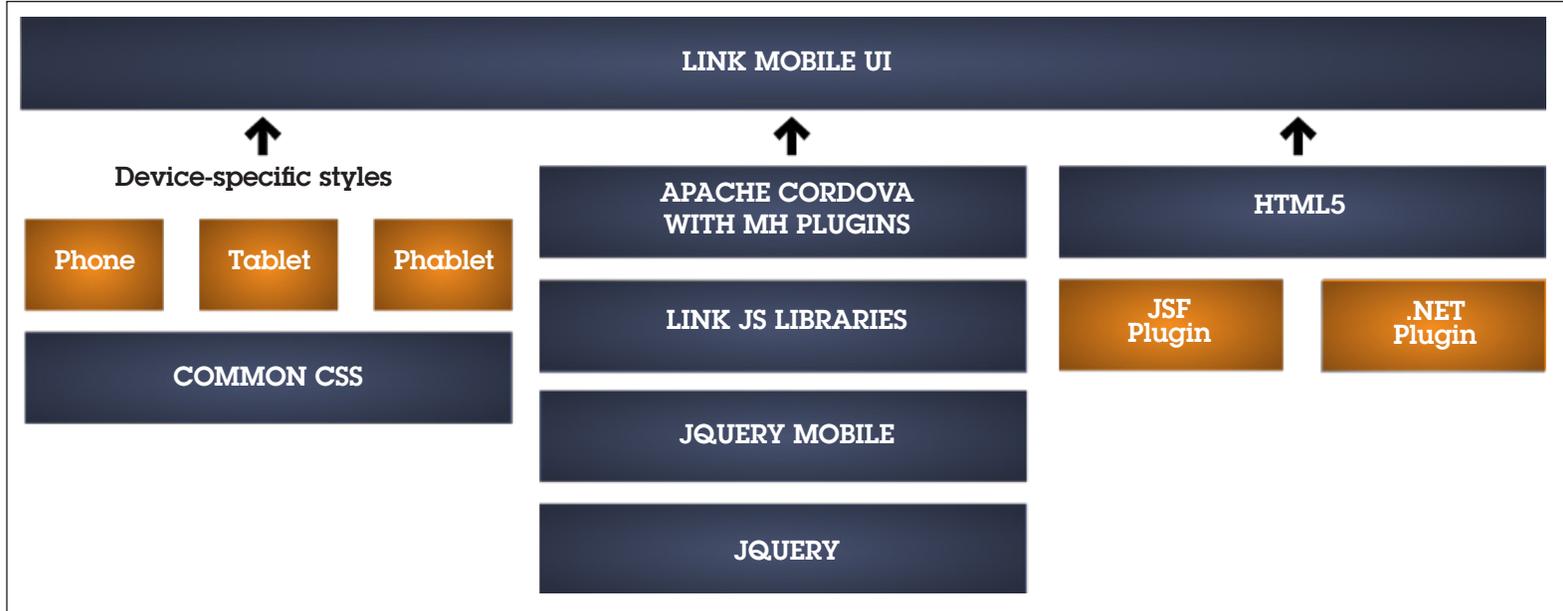
Key Features of the Link App SDK

- Support for multiple platforms for mobile and fixed use and access.
- Functionally rich and secure mobile apps.
- Tight integration with existing enterprise systems and data.
- Rapid development, leveraging an existing team and existing code, tools and skills.
- Minimal impact to your existing enterprise applications infrastructure.
- Iterative development, with a rapid pace of feature introduction and innovation.
- Enterprise-grade, end-to-end security for data in motion and at rest.
- Online and offline execution, with built-in encryption and policy management for offline data.

- A comprehensive set of tools for HTML5 app development

- SDK based on well known and open solutions and capabilities

- Easy integration into Link platform for secure and optimized distribution and delivery in the enterprise environment



Link App SDK Technology Architecture

The Link App SDK is built on top of standard technologies, including:

- HTML and HTML5, including enhanced support for offline access and local storage.
- CSS3, including a packaged library of styles for many common UI components.
- jQuery, jQuery Mobile, and Mobile Helix's own component library for client-side UI manipulation and event handling.
- A comprehensive package of Web services supporting access to enterprise systems including SharePoint®, email, and files (via CIFS).
- Transparent integration with SSO systems, including SAML and Windows Integrated Authentication (NTLM).
- In addition, Mobile Helix provides a plugin today for Java Server Faces 2.0 with an integration with .NET planned for Q4 2014.

Unlike other approaches to enterprise application development, applications created or enhanced using the Link App SDK can be delivered via existing Web application delivery infrastructure without changes, including (when relevant) existing load balancers, Web servers, application servers, and portal servers. Mobile Helix's HTTPS acceleration technology in the Link Gateway and the online/offline caching in the Link Container enable applications to be delivered "on the fly" when a user first accesses that application. Thereafter the application is available on the device for both online and offline use.

Finally, the Link App SDK also enables developers to migrate existing enterprise Web applications quickly and efficiently for use on fixed and mobile devices following simple, familiar steps. Because Link integrates seamlessly into the enterprise's Java EE or .NET based infrastructure, applications can be incrementally "mobilized" by adding discrete features of the Link App SDK to those applications without starting from scratch.

For more information on the Link App SDK, see our whitepaper: "The Link App SDK" or go to the website: www.mobilehelix.com.

"Our team began developing two HTML5 apps before we worked with the Link App SDK. But trying to develop features like multi-tab browsing and secure offline storage had been blocking us. We immediately appreciated that the Link SDK includes jQuery Mobile, Apache Cordova, integrates with JSF, and has plug-ins for advanced features".

- Application Development
Director

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