

Mobile Development and Deployment with UniPaaS RIA

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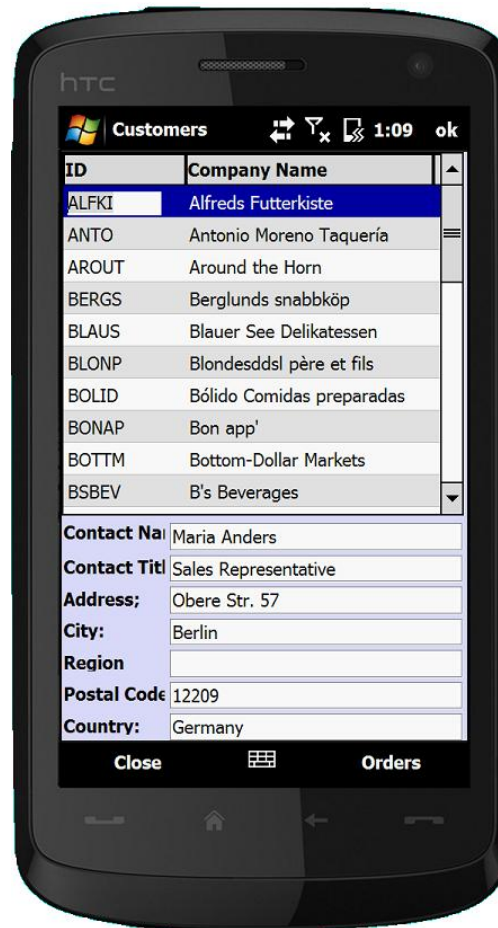
Agenda

- **Mobile Applications**
 - General Overview
 - Requirements
- **Developing for Mobile**
 - Considerations
 - External Tools
 - Demo
- **Deploying Mobile applications**
 - Demo
- **Q&A**



Mobile - General Overview

available at: <http://riademo.magicsoftware.com/mobile>





Mobile - General Overview

- **Engage Mobile Workforce**
 - Field Personnel (Technicians, Drivers, Engineers, Etc.)
- **Mobile Device Support is preferred**
- **Improve the work of the mobile workforce**
- **Support Mobile devices and Desktop devices from the same application**



Mobile - Requirements

■ Mobile Platforms

- Any mobile device that supports the .NET framework V2.0 and up:
 - Pocket PC 2003
 - Windows CE 4.0 and higher
 - Windows Mobile 5.0, 6.0, 6.5
- Needs at least 5 MB of disk space on device for:
 - .NET framework for mobile (2.5 MB)
 - Supporting files and dll's (2 MB)
 - Application deployment (varies by application)



Mobile – Development Considerations

- **Development Considerations:**
 - Limited screen estate – On a standard device
 - Width: 41.500 Points
 - Height: 22.375 Points
 - Different form flow (no tabs)
 - Unsupported features:
 - Range
 - Locate
 - Incremental query
 - Subforms (added in latest version)



Mobile – External Tools

■ External Tools

- Windows Mobile 6.5 Developer Tool Kit -

<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=20686a1d-97a8-4f80-bc6a-ae010e085a6e>

- Active Sync -

http://www.microsoft.com/windowsmobile/en-us/downloads/eulas/eula_activesync45_1033.msp?ProductID=76



Mobile – Development Demo

- **DEMO**
 - Show external tools usage
 - Build demo application



Mobile – Deployment Demo

- **DEMO**
 - Deploy application to mobile device
 - Test application
 - Introduce changes to application
 - Test changes



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Mobile – Q&A

Thanks

Q&A