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Altri autori (Persone)	SaelenKenny
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Nota di contenuto	Cover; Copyright; Credits; About the Authors; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1: Getting Started with Microsoft Dynamics AX 2012 Services; What are services and SOA?; Example implementations; Bing API; Mobile application; Business Process Modeling (BPM); Architecture overview; What's new?; AOS WCF service host; WCF adapters; Integration ports; IIS hosting without Business Connector; Non-XML support; AIF change tracking; Custom services; The SysOperation framework; Types of services; Document services; Custom services; System services; Query service Metadata service User session service; The right service for the right job; Complexity; Flexibility; Summary; Chapter 2: Service Architecture and Deployment; What is WCF?; Existing technologies; The ABC of WCF; Service deployment; Service operations; Inbound versus outbound ports; Inbound ports; Outbound ports; Basic versus enhanced ports; Basic ports; Enhanced ports; Bindings; Adapters; NetTcp adapter; HTTP adapter; File system adapter; MSMQ adapter; Custom adapters; Service generation - under the hood; Generated artifacts; Service contract and implementation; Message contracts WCF configuration storage The power of CIL; CIL output; Summary; Chapter 3: AIF Document Services; What are document services?; Key

components; Document query; Document class; Responsibilities of a document class; AXC classes; Responsibilities of an AXC class; Service class; Service node; Creating a document service; Setting the compiler level; Creating the query; Running the AIF Document Service Wizard; Selecting document parameters; Selecting code generation parameters; Generating code; Finishing up; Fixing compiler errors; Fixing tasks; Updating the service contract
Fixing best practice errors Setting mandatory fields; Updating an existing document service; Adding service operations; Updating supporting classes; Deploying a document service; Consuming a document service; Create; Find; Creating query criteria; Using Find; Read; FindKeys; Update; Delete; GetKeys; Document filter; Using GetKeys; GetChangedKeys; Asynchronous communication; Send service framework; Batch processing; Summary; Chapter 4: Custom Services; Key components; Attributes; Custom services attributes; Data contracts; Service contracts; Collection types; Creating custom services
The Title service The Title data contract; The Title list data contract; The Title service class; The Title list service operation; The Title list service operation; The Title service contract; Deploy the service; The rental service; Consuming the service; Example 1 - Retrieving titles; Adding the service reference; Consuming the service; Example 2 - Register a rental; Creating the service reference - Advanced; Consuming the service; Summary; Chapter 5: The SysOperation Framework; SysOperation versus RunBaseBatch; Creating a SysOperation service; Data contract; Declaration and members
Query helper methods

Sommario/riassunto

It's a tutorial guide that provides all the knowledge needed to implement services with Microsoft Dynamics AX 2012. This book is aimed at Dynamics AX developers, both new and experienced with services and Microsoft Dynamics AX 2012. A basic understanding of MorphX and X++ is assumed, but the step-by-step instructions are easy to follow even for beginners. Some examples use C#.NET, so experience with Visual Studio is a plus but not a must.
