

## Formation 300 : Alfresco + Liferay Administration with BxDS

<p><b>Duration : 2 days</b></p> <p><b>Prerequisites :</b></p> <ul style="list-style-type: none"> <li>• Alfresco</li> </ul>	<p><b>Who Should Attend :</b></p> <ul style="list-style-type: none"> <li>• Project Leader</li> <li>• Developer</li> <li>• Sysadmin</li> </ul>
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**Description :**

Alfresco et Liferay have complex architectures because of the stack of technical layers which are needed to achieve agile and robust developments. Moreover, BxDS describes an import function to import data provided in a spreadsheet such as Excel or OpenOffice. This course provides all the information needed to install this complex architecture and to maintain it by importing some data into it.

<p><b>You Will Learn How To :</b></p> <ul style="list-style-type: none"> <li>• Install Alfresco et Liferay</li> <li>• Transform Excel datasheet into an import XML file</li> <li>• Use the right web service to import data</li> </ul>	<p><b>Hands-On Training :</b></p> <ul style="list-style-type: none"> <li>• Installation of a complex architecture based on Alfresco and Liferay</li> <li>• Deployment of an Alfresco + Liferay CRM</li> <li>• Import of a contact directory</li> <li>• Synchronisation of Content repository and Relational databases</li> </ul>
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<p><b>INTRODUCTION</b></p> <ul style="list-style-type: none"> <li>– Goals <ul style="list-style-type: none"> <li>• Installation</li> <li>• Startup</li> <li>• Import/Export</li> <li>• Backup/Restore</li> </ul> </li> </ul> <p><b>INSTALLATION</b></p> <ul style="list-style-type: none"> <li>– Architecture <ul style="list-style-type: none"> <li>• Presentation layer</li> <li>• Business layer</li> <li>• Persistence layer</li> </ul> </li> <li>– Software (Installation et configuration) <ul style="list-style-type: none"> <li>• Alfresco</li> <li>• MySQL</li> <li>• Liferay</li> <li>• LDAP</li> <li>• CAS</li> </ul> </li> <li>– Tests</li> <li>– Startup</li> </ul>	<p><b>IMPORT/EXPORT</b></p> <ul style="list-style-type: none"> <li>– Principles <ul style="list-style-type: none"> <li>• Relations between columns and classes</li> <li>• Model class and attribute naming conventions</li> </ul> </li> <li>– Datasheet annotation <ul style="list-style-type: none"> <li>• Annotations</li> <li>• Primary key</li> <li>• Data to import</li> <li>• Syntax</li> <li>• Multiple columns</li> <li>• Attribute agregation</li> <li>• Special features</li> </ul> </li> <li>– Datasheet transformation <ul style="list-style-type: none"> <li>• Python Script</li> <li>• Use/Installation of Python and the corresponding IDE</li> <li>• Use and configuration</li> </ul> </li> <li>– Import data in Alfresco</li> </ul>	<ul style="list-style-type: none"> <li>• Batch Importation Service</li> <li>• Import data</li> <li>• Check right data importation</li> <li>• Synchronisation</li> </ul> <p>– Export</p> <ul style="list-style-type: none"> <li>• Alfresco</li> </ul> <p><b>MAINTENANCE</b></p> <ul style="list-style-type: none"> <li>– Data migration <ul style="list-style-type: none"> <li>• Space Export/Import</li> <li>• Repository Export/Import</li> </ul> </li> <li>– Backup/Restore <ul style="list-style-type: none"> <li>• Elements</li> <li>• Backup process</li> <li>• Restore process</li> </ul> </li> <li>– Administration tips <ul style="list-style-type: none"> <li>• Deleted files</li> <li>• Log files</li> <li>• Reset Alfresco repository</li> <li>• Reset administrator password</li> </ul> </li> <li>– Alfresco upgrade</li> </ul>
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