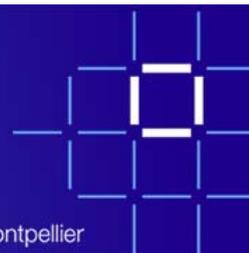


## Blockchain Value Exploration Days using Hyperledger Fabric 1.1

February 15-16, 2018

IBM Client Center Montpellier



*An event for European Consultants and System Integrators*

**Blockchain** technology offers exciting possibilities to radically improve transaction networks, enabling new innovations for asset transfer while reducing the cost and risk. Blockchain allows businesses networks to **create shared ledgers which are distributed and replicated** to provide assurance, provenance and immutability in the ownership and transfer of business assets. **All industries can benefit** from this technology, from more traditional examples such as manufacturing and distribution, to the more abstract finance and intellectual property.

**IBM is a premier member of Linux Foundation's Hyperledger Project** which is a collaborative effort to create a Blockchain for business. Hyperledger Fabric 1.1 is the new generation blockchain fabric that brings improvements regarding security capabilities.

**IBM Client Center Montpellier** created a Blockchain Competency Center in September 2016 to support the development and implementation of blockchain application prototypes on IBM Cloud and IBM Systems.

This is a great opportunity to get lessons learned from blockchain prototypes, to discover about **Hyperledger blockchain technology secrets**, to hear about **use cases and** understand how to **integrate a blockchain application within an existing customer environment**.

During this one-and-a-half day, through **demonstrations and use cases**, the following will be addressed:

- **Blockchain concepts presentation**
- **Use cases examples**
- **Focus on Hyperledger Fabric 1.1 component model, consensus and architecture**
- **IBM Blockchain Platform offerings**
- **(\*) Hands-on labs (3 hours) to practice the technologies discussed**
- **How to engage IBM Client Center Montpellier in your projects**

At the end of this event, you will have a **better understanding of blockchain concepts**, and **how to use Hyperledger Fabric service on IBM Cloud and IBM Systems**.

**Come and learn how blockchain will fundamentally change the way you do business**

*We look forward to meeting you in Montpellier!*

*(\*)This workshop is especially designed to Application architects, IT Architects & IT Consultants from the Computer Services Industry **interested in and working with Hyperledger on IBM Systems & IBM Cloud. Basic technical knowledge of Linux is recommended for performing Hands-on-Labs.***

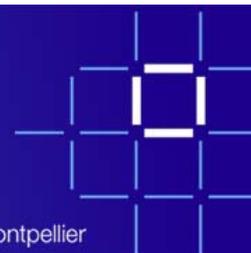
**The number of places for the hands-on labs is limited: First come, First served!**

**- Contact your local IBM Sales or Technical Representative -**

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## Presentation Abstracts

### Blockchain explained

Blockchain overview: high level presentation of the different **Blockchain concepts**. What is Blockchain? Why is it relevant, and **how can IBM help me apply Blockchain** for my business?  
It includes a discussion on different **use cases where blockchain has been applied in a proof of concept** by IBM or by a customer. A special focus will be placed on IBM Global Financing and the Trade Digitalization example that IBM implemented for the transport and logistic company MAERSK.

### Blockchain Application Explored

Exploring Blockchain Application will provide an overview of **the Hyperledger project and new capabilities provided by Fabric 1.1**. It will also detail fabric consensus mechanism from an application developer point of view, fabric deployment and security model.

### Blockchain Application Architected

Blockchain application architected discusses blockchain smart contract concepts and provides an high level overview of the **Blockchain application component model**. It describes roles of each component. The session also includes a review on the different **consensus** technologies provided by **Hyperledger Fabric..**

### IBM Blockchain Platform Explained

This session will introduce the **IBM Blockchain Platform service available in IBM Cloud**. It will detail the provided services and internal high security model setup to protect blockchain nodes.

### Blockchain Composed

Blockchain Composed will introduce the Hyperledger Composer which is an application development framework which simplifies blockchain application development. This presentation will be followed by hands-on lab that let you practice Hyperledger Composer on a basic example. You should be able to **create your first blockchain application after this session**.

### Hands-on Labs

During these hands-on, the attendees will **deploy a blockchain on IBM Cloud and will learn how to write their first smart contract**. Thanks to this session, the attendees will gain a working familiarity with Blockchain technology and will be able to think about **how Blockchain might apply to their business and consider a follow-on Proof of Concept**.