

CHAPTER -1

2.Introduction to Hybris

2.1 What is mean by Hybris?

- Hybris is an E-commerce suite.
- It is framework provided by Hybris now SAP-Hybris.
- It is close source.
- Hybris develops and markets a software platform to streamline the **demand chain processes** of customers.
- Hybris is a well design modularized software built on top of **Apache** and **Spring** Source components, containers and servers.
- It's a solid platform for creating modern online stores.
- Hybris Platform is a Java EE Servlet Container, for example Tomcat 3 or VMware vFabric tcServer 4 , which is also based on Tomcat but provides commercial support. The platform and all extensions to it are running within the Spring environment, which allows easy wiring and configuration of each component.
- The Hybris Commerce Suite uses the Hybris Platform to offer a single system for managing product content, commerce operations and channels.

2.2 Basically Hybris is divided into 3 types.

1. Commerce (Placing order).
2. OMS (Order Management System).
3. CRM (Customer Relation Management).

2.3 Hybris functionality:

1. Demand chain processes
2. Catalogue Management
3. E-commerce

4. E-procurement

2.4 History of Hybris

- **Hybris** is a German company that sells enterprise multichannel e-commerce and product content management (PCM) software. It is a subsidiary of SAP AG.
- Hybris was founded in Zug, Switzerland in 1997 by Carsten Thoma, Moritz Zimmermann and Klaas Hermanns. It subsequently moved its headquarters to Munich, Germany.
- In 2011 private equity firm HGGC acquired a majority stake in Hybris and merged Canadian software company ICongo into Hybris.
- **SAP AG** acquired Hybris on August 1, 2013.

2.5 Why Hybris?

- It is Easy to Develop E-commerce sites because all the major E-commerce functionalities are predefined in it, there is no need to develop these functionalities which saves lot of time. so, we can develop faster
- It provides generic logic such as security, caching, clustering and persistence.
- Hybris is easy and flexible to integrate with any Database
- Support I18N(Internalization)with properties files of hybris

2.6 Predefined functionalities included in Hybris are:

- Add to cart
- Checkout
- Security
- Promotions
- Vouchers
- Wish list
- OMS
- Stock updation
- Order split

- Email integration
- SMS integration
- Different accelerators
- Login with social accounts
- Cockpits

2.7 Hybris Features:

- Supports clustering
- Multi tenant.
- It is easy to integrate with 3rd party software's.(E.g.: Payment Integration)
- Offers Omni-channel connection(connecting to a single server through multiple media such as Mobile, Tab, Computer,etc)
- Provides Development to Android and IOS.

2.8 Which database Hybris follows

- The hybris Commerce Suite comes pre-bundled with a compatible version of HSQLDB(Hyper Structured query Language).
- HSQLDB is a light-weight SQL database that can be run within a Java Virtual Machine. It is useful for developing due to its speed.

2.9 Software's competitors of Hybris

There are mainly four Competitors.

- ATG : Oracle
- Hybris : SAP
- WCS : IBM
- Magneto : Open source

2.10 Hybris is a famous because Cockpit designing.

Hybris provide Seven Cockpit they listed bellow

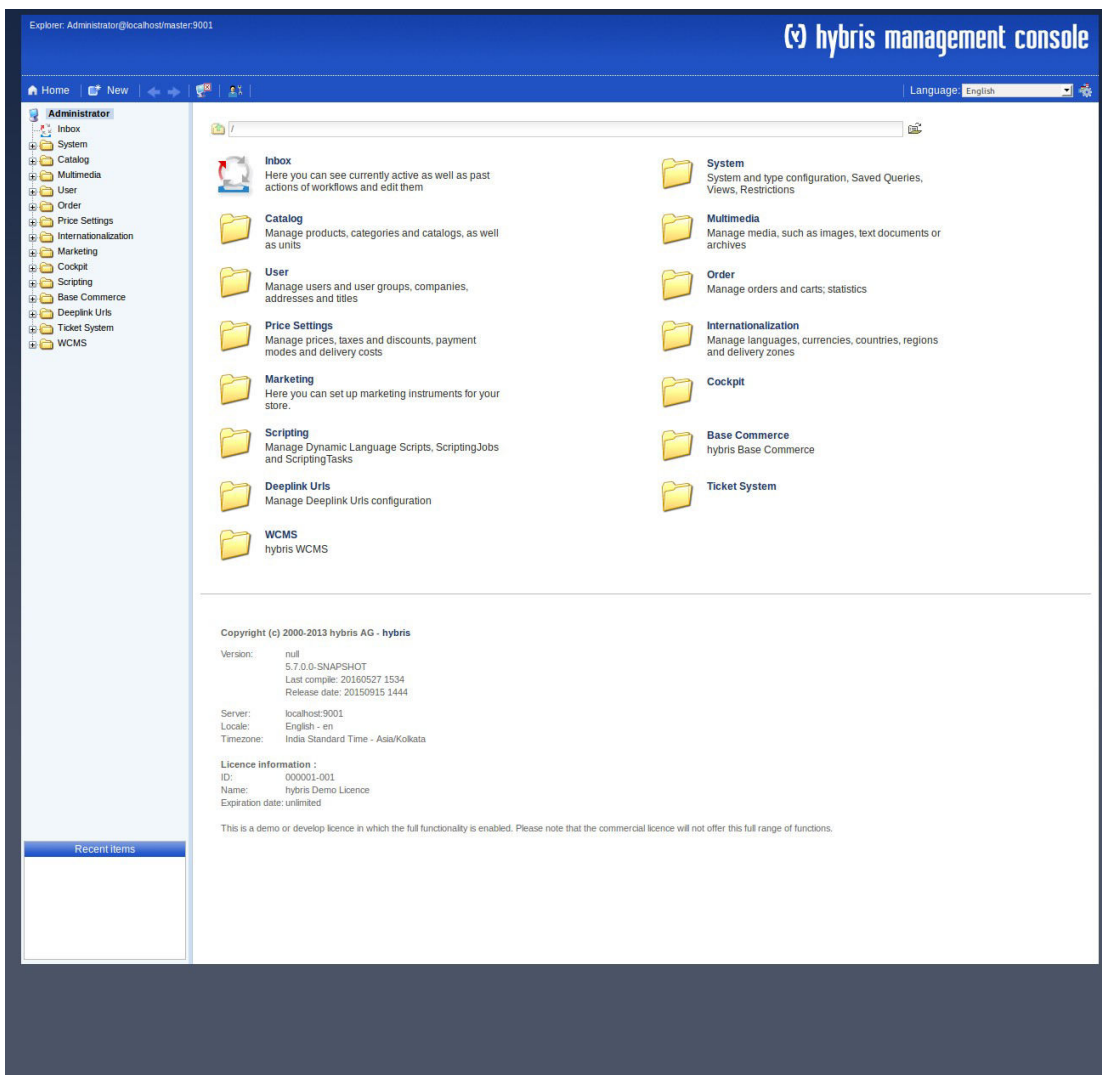
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Cockpit

Urls

- HMS

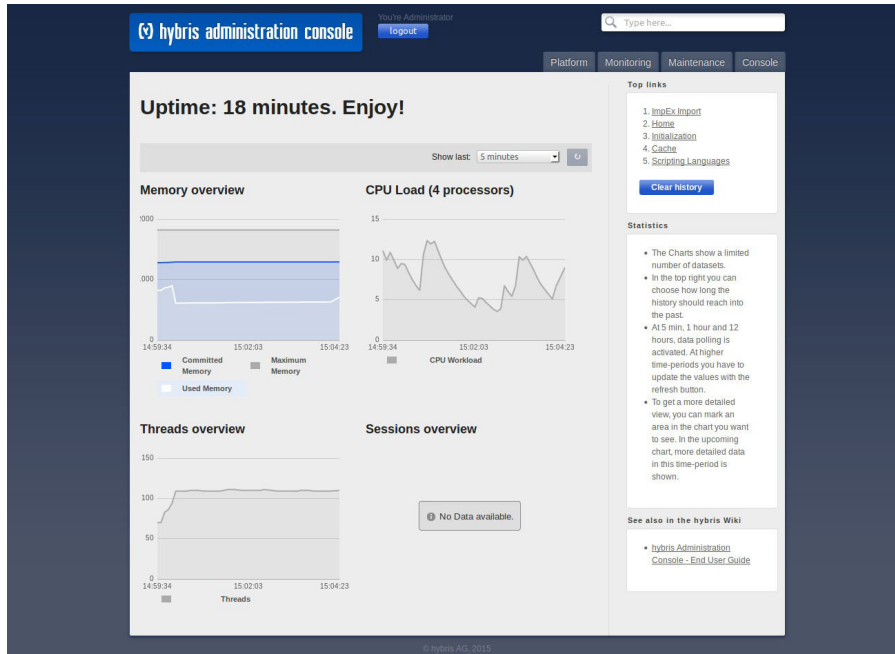
localhost:9001/hmc/hybris



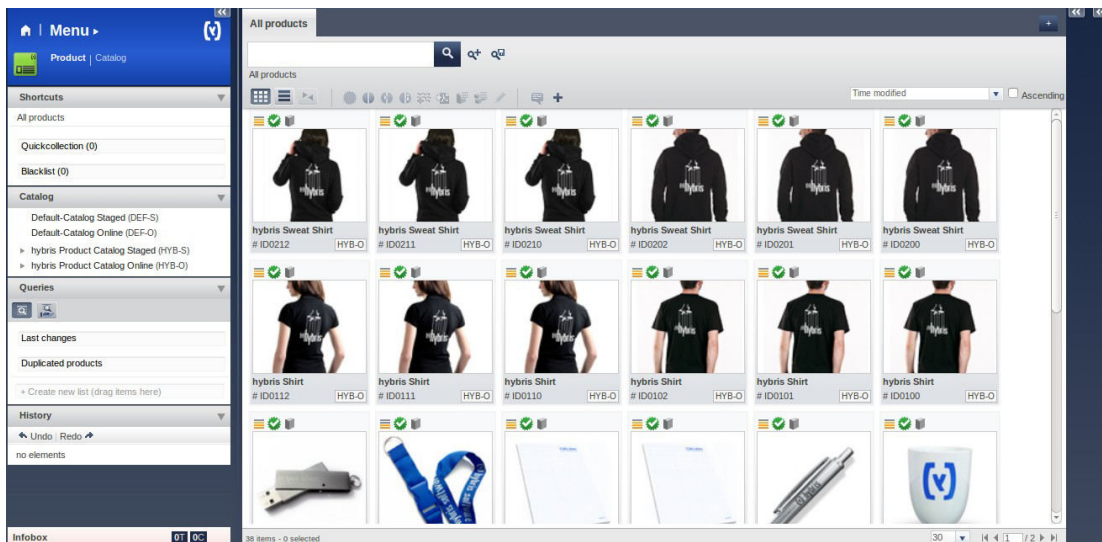
- HAC

localhost:9001 /

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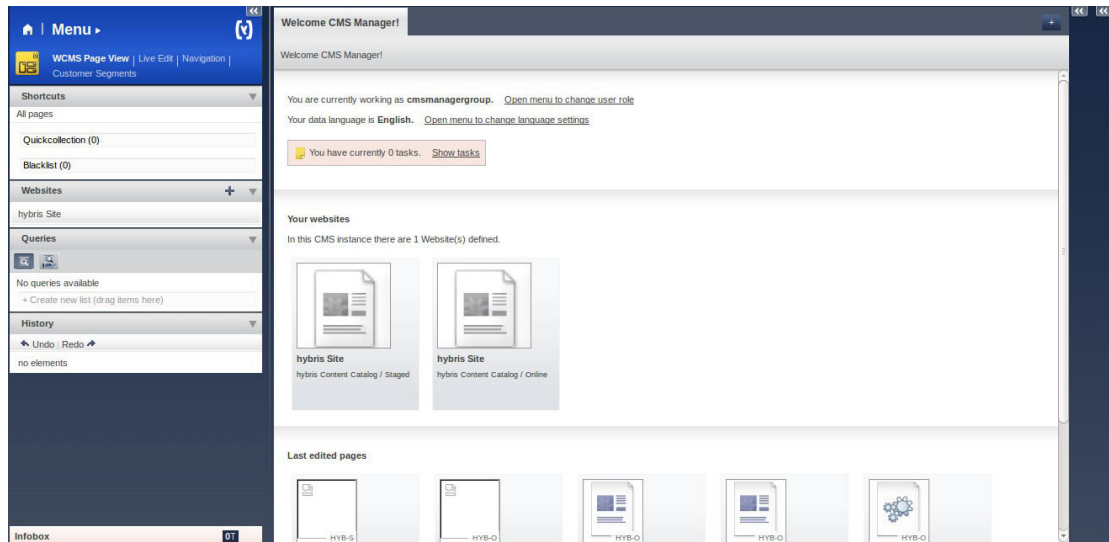


- **Product Cockpit** localhost:9001/productcockpit/

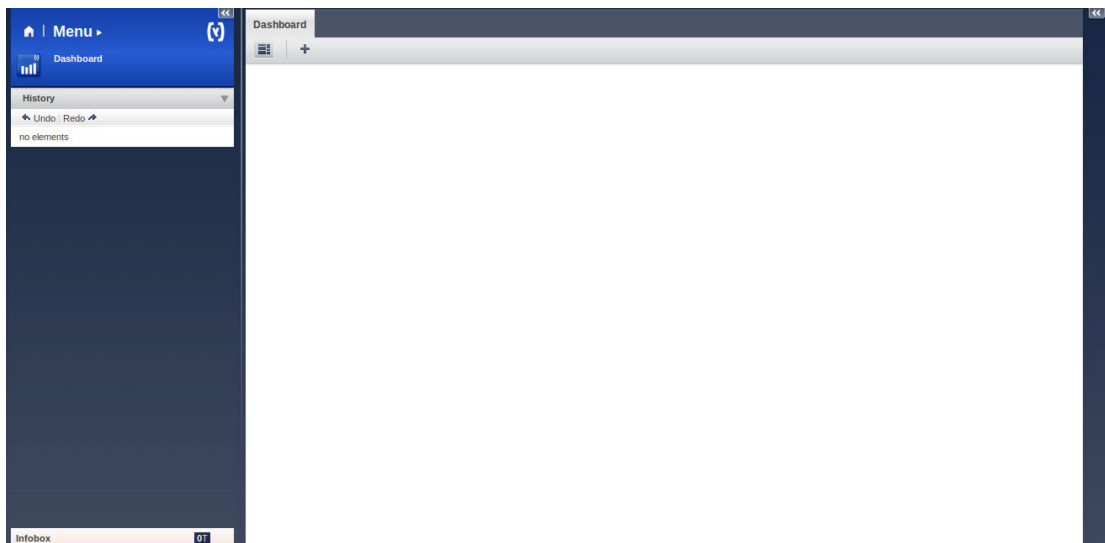


- **CMS Cockpit** localhost:9001/cmscockpit/

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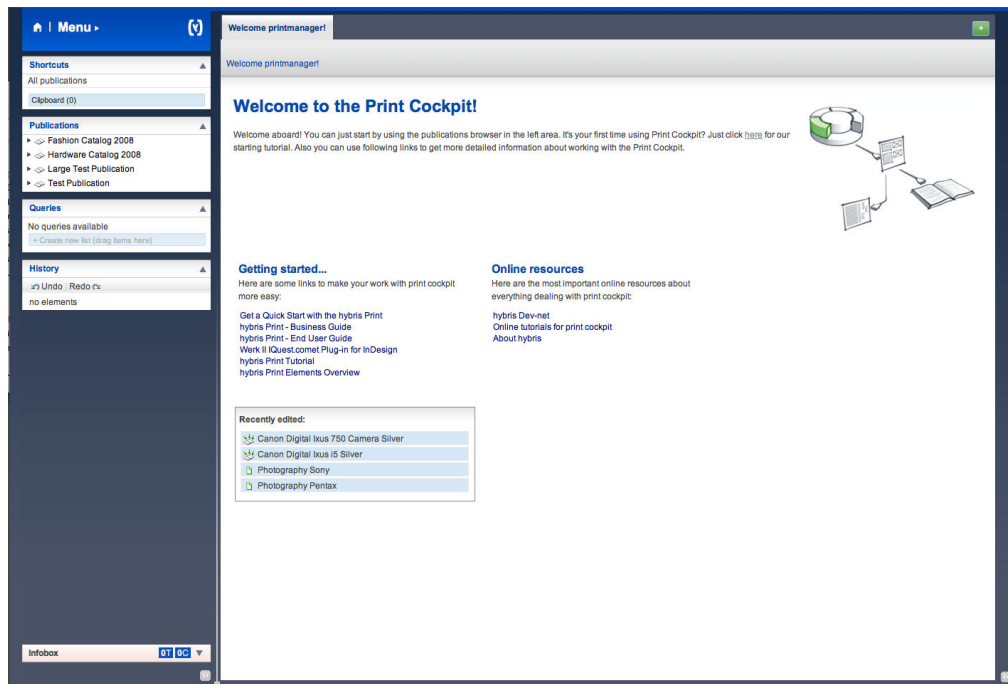


- **Report Cockpit** **localhost:9001/reportcockpit/**

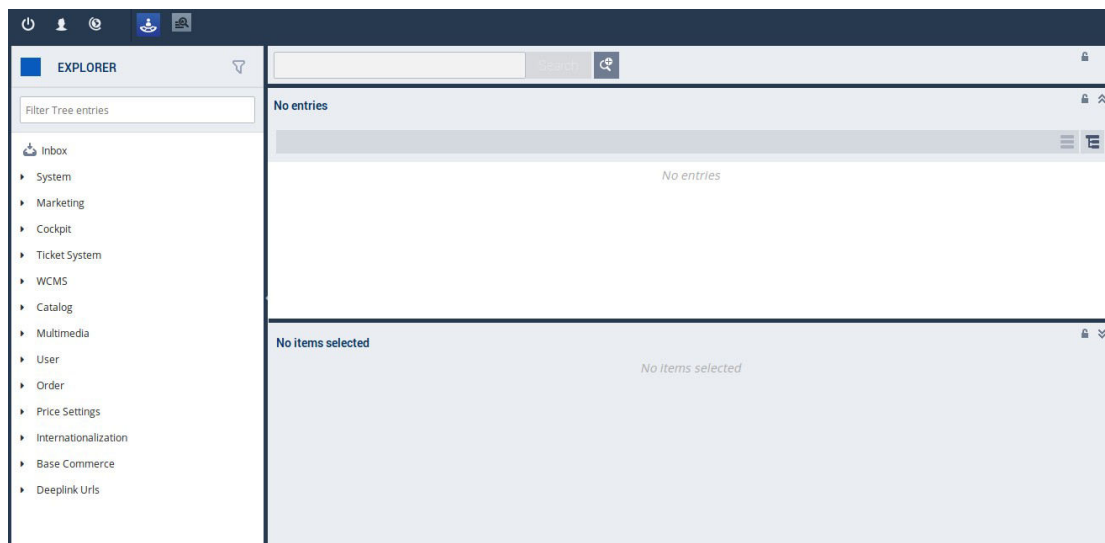


- **Print cockpit** **localhost:9001/printcockpit/**

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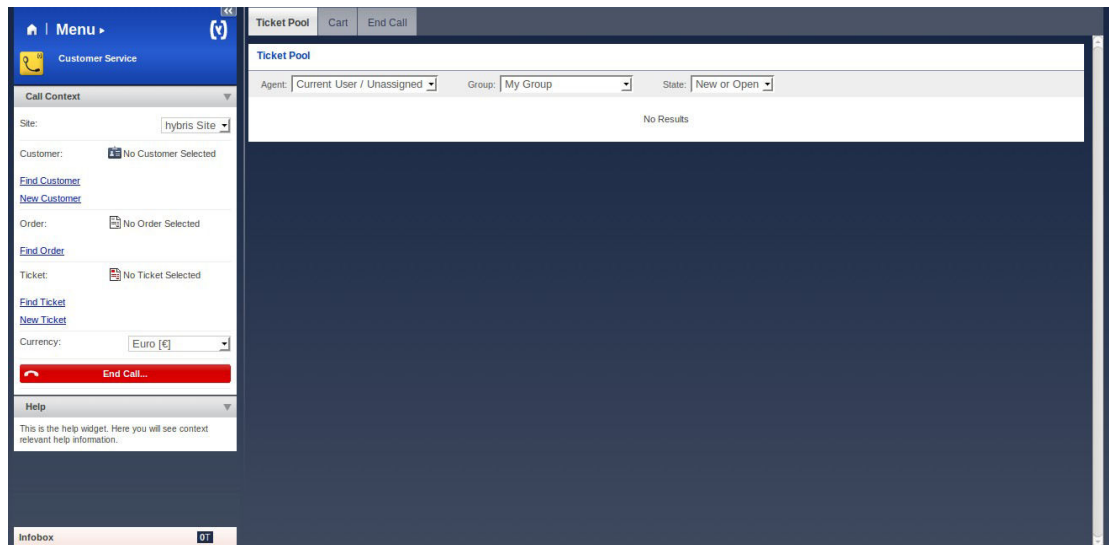


- **Back office** **localhost:9001/backoffice/**



- **CsCockpit** **localhost:9001/cscockpit/**

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- **Mcc** **Master of all Cockpit** **localhost:9001/mcc**

