



Architect of an Open World™

NovaForge™

Software development industrialized...

Christian REMY – NovaForge™ Program Manager

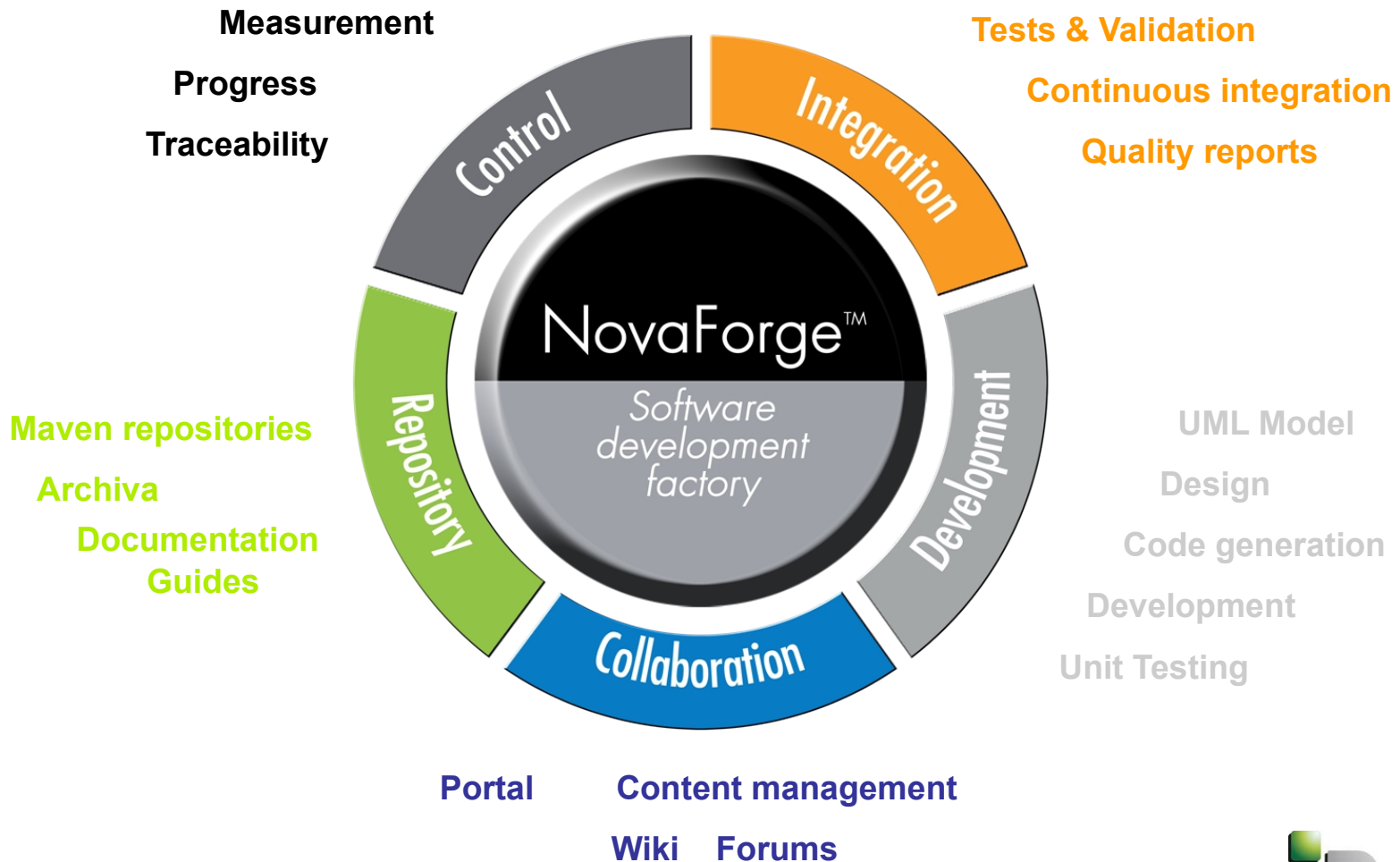
**LIBERATE IT**

# NovaForge™ objectives

- **First, to get an efficient internal Bull forge**
  - To improve development team efficiency
  - To rationalize methods and tools within all development teams, in France and worldwide
  - To allow remote teams to work together on same projects (VirtualShore™)
- **Then, to be able to provide complete development factory**
  - To be instantiated on customer site for Bull development project
  - To provide customers with a complete development environment to manage in-house and external development projects

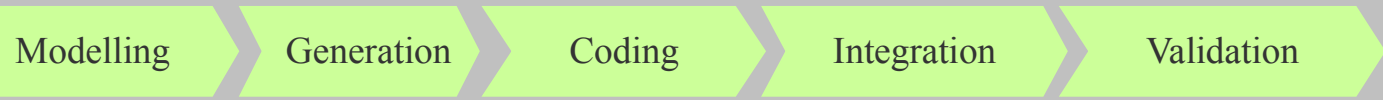


# Novaforge core functionalities

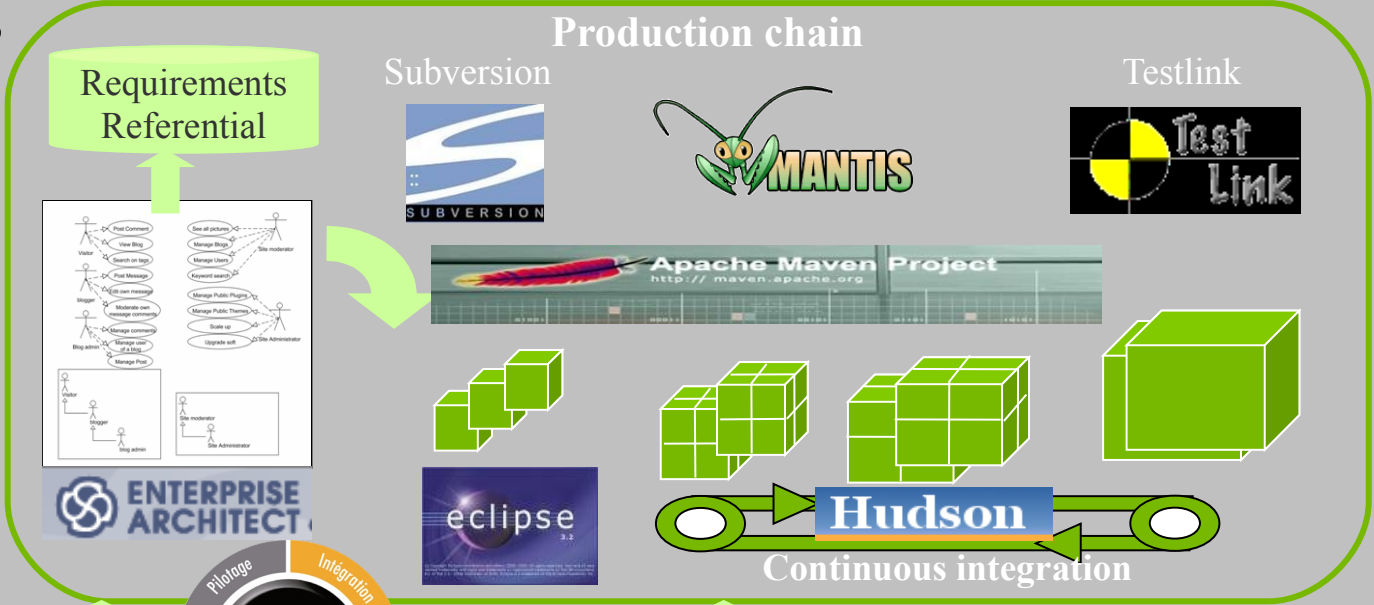


# NovaForge™ development factory: a shared toolkit

Specifications, Evolutions, Incidents

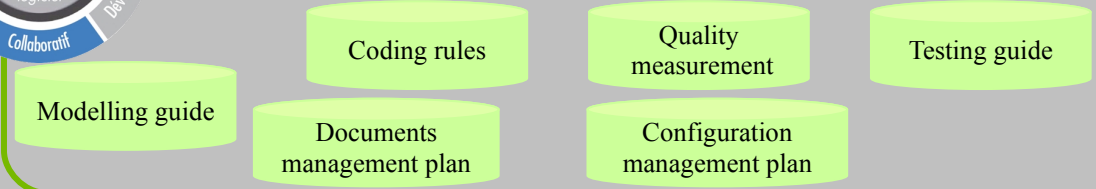
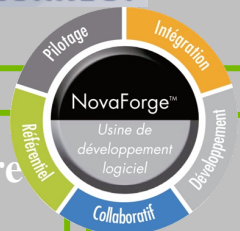


Validated Software



Architecture

Methological and process guides



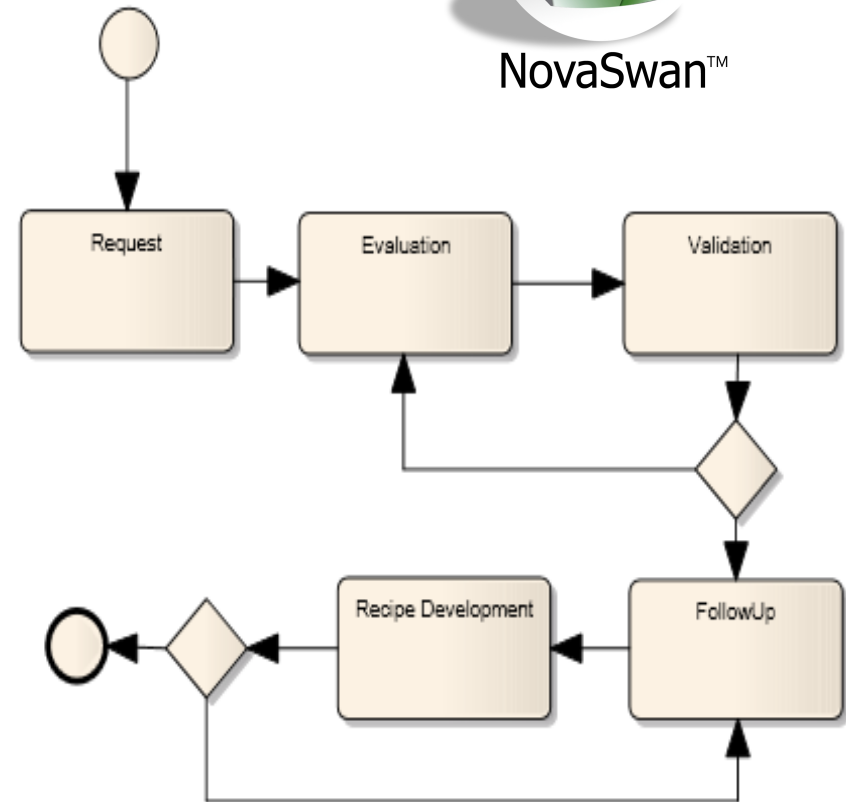
# Why an Open-Source based platform ?

- To benefit from best-of-the-breed existing tools
  - Subversion, Mantis, Hudson, Archiva, Sonar, Dokuwiki, PHPBB, Exo Platform, ...
- To be able to integrate them and, if needed, to modify them to meet our requirements
  - Work with communities in collaborative projects: **Qualipso**, **Coclico**
- To build strong added-value applications, from OSS components (see **NovaSwan**<sup>TM</sup>, next slide)
- To publish the whole platform in OSS, in order to allow for usage feedback and contributions
  - NovaForge<sup>TM</sup> is an OW2 project: <http://www.ow2.org/>
  - Afero GPL License
  - See also NovaForge Planet: <http://novaforgeplanet.com/>



# Third-Party Maintenance: NovaSwan™

- Manage Customers requests
  - Evolution, Anomaly, Incident...
- Collaborative workspace
  - Several actors : Project managers, developers...
- Real time monitoring
  - Activities reports
- User friendly tool
- Built with OSS tool
  - Bonita, GWT, Birt,



# In summary...

- NovaForge™, the Bull industrial development platform :
  - The result of our expertise and development methodology
  - Based on Open Source reference tools
  - Capitalisation of hundreds of R&D and services projects
- NovaForge™, a tool available for our customers :
  - NovaForge™ provides tools and processes to industrialise developments
  - A state-of-the-art Collaborative Development Platform
  - Secured hosting or installation in customer development centres
  - Provision of all Bull services (training, consulting, exploitation, development, ...)





Architect of an Open World™

**LIBERATE IT**