Global sourcing of software development - a review of tools and services

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Identification of tools and services aiming at the optimization of the globally distributed software development.
Globally distributed software development

Project Cloud

- Source code
- Bug tracking
- Requirements Management
- Testing
- Reporting

...
IDEs

Integrated development environments (IDES)

• NetBeans
• Eclipse
• Visual Studio

• Rational Suite
• Borland ALM
• Gforge
• Polaraion

Collaboration platforms

• eGroupWare
• OpenExchange

SaaS Solutions

• CollabNet
• SourceForge
• JAZZ

Software as a Service

Consultancies

• Infosys
• WIPRO
• Satyam
• TCS

• Value Leadership Group
• TPI
• NeoIT
• Orbys
• Trestle
• Clearview

Functional

• ClearCase
• Subversion
• CVS
• Virtual Safe
• Visual Source

• CAS
• CheckPoint
• EMMA
• Finding

Development units (components)

• HP Quality Center
• Junit
• MS SharePoint
• Xerox Docushare

Consulting & services

• Infosys
• WIPRO
• Satyam
• TCS

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Enhanced development environments

• Rational Suite
• Borland ALM
• Gforge
• Polaraion

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Global sourcing

Service provider

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Consulting & services
IDE

SVN
Email
IM

Project Cloud

Bug tracking
Source code
Testing
Reporting
Requirements Management

IDE

...
Specific Development Tools

- Integrated development environments (IDEs)
  - Rational Rhapsody
  - Borland ALM
  - Eclipse
  - Visual Studio
- Collaboration platforms
  - eGroupWare
  - OpenExchange
- Consultancies
  - Value Leadership Group
  - IBM
  - Hewlett Packard
  - Tivoli
  - True Software
  - IBM
  - HP
  - Siemens
- Development tools (components)
  - ClearCase
  - Subversion
  - CVS
  - Virtual Safe
  - Bugzilla
  - Atlassian
- SaaS solutions
  - CollabNet
  - SourceForge
  - JAZZ
- Enhanced development environments
  - eGroupWare
  - OpenExchange
- Integrated development environments
- Performance Management
- Software Quality management
- Testing
- Document management
- Inhouse Developments
  - Infosys
  - WIPRO
  - Satyam
  - TCS
  - Value Leadership Group
  - TIP
  - NeoIT
  - Orbys
  - Trestle
  - TransCrit
  - Clearview
- Consulting & services
  - Infosys
  - WIPRO
  - Satyam
  - TCS
  - Value Leadership Group
  - TIP
  - NeoIT
  - Orbys
  - Trestle
  - TransCrit
  - Clearview
- Comprehensive
- Dedicated
- Strategic
- Functional

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Development Tools

SVN

Project Clouds

- Bug tracking
- Source code
- Testing
- Requirements Management
- Reporting

...
Consulting Services

Integrated development environments (IDEs)

Development tools (components)

- Rational Suite
- Borland ALM
- Gforge
- Polarion
- NetBeans
- Eclipse
- Visual Studio
- ClearCase
- Subversion
- CVS
- Virtual Safe
- Bugzilla
- Atlassian

SaaS Solutions

- CollabNet
- SourceForge
- JAZZ
- Digitale
- CAST
- CheckStyle
- EMMA
- FindBug
- HP Quality Center
- JUnit
- MS Sharepoint
- Saperion
- Xerox Docushare

Inhouse Developments

Consultancies

- Value Leadership Group
- TPI
- Neolit
- Orbys
- Trestride
- TransCrit
- Clearview

Software-as-a-Service

Consulting & services

Software: comprehensive - dedicated
Consulting & Services

Project Cloud

- Bug tracking
- Source code
- Testing
- Requirements Management
- Reporting
Example: pliXos Global Sourcing Platform

Application Life Cycle Management

Requirements → Draft → Implementation → Deploy → Operations → Optimization

Monitoring and Controlling

Global Sourcing Platform
Standardised and automated project governance

Best Practises and central data storage

Management Reports → Efficiency → Operational Excellence → Transparency

Interfaces and provisioning of functions

Service provider
(Global Sourcing)
Overview of tools and services

Integrated development environments (IDEs)
- NetBeans
- Eclipse
- Visual Studio
- Rational Suite
- Borland ALM
- Galgo
- Polaron

Consultancies
- Value Leadership Group
- TPI
- Nektos
- Orbys
- Trestle
- TransCrit
- Clearview

Software-as-a-Service
- eGroupWare
- OpenExchange
- CollabNet
- SourceForge
- JAZZ

Collaboration platforms

Development tools (components)
- ClearCase
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- Satyam
- TCS

Enhanced development environments

SaaS Solutions

Document management

Software-as-a-Service

Integrated development environments

Inhouse Developments

Testing

Comprehensive

Dedicated
Summary

**Scope**
- Optimising the technical development
- Support of technical development
- Optimising globally distributed software development
- Project optimisation

**Level**
- Comprehensive
- Dedicated
Kontakt

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