

# Meeting the ever-growing, continual computerization needs of an organization

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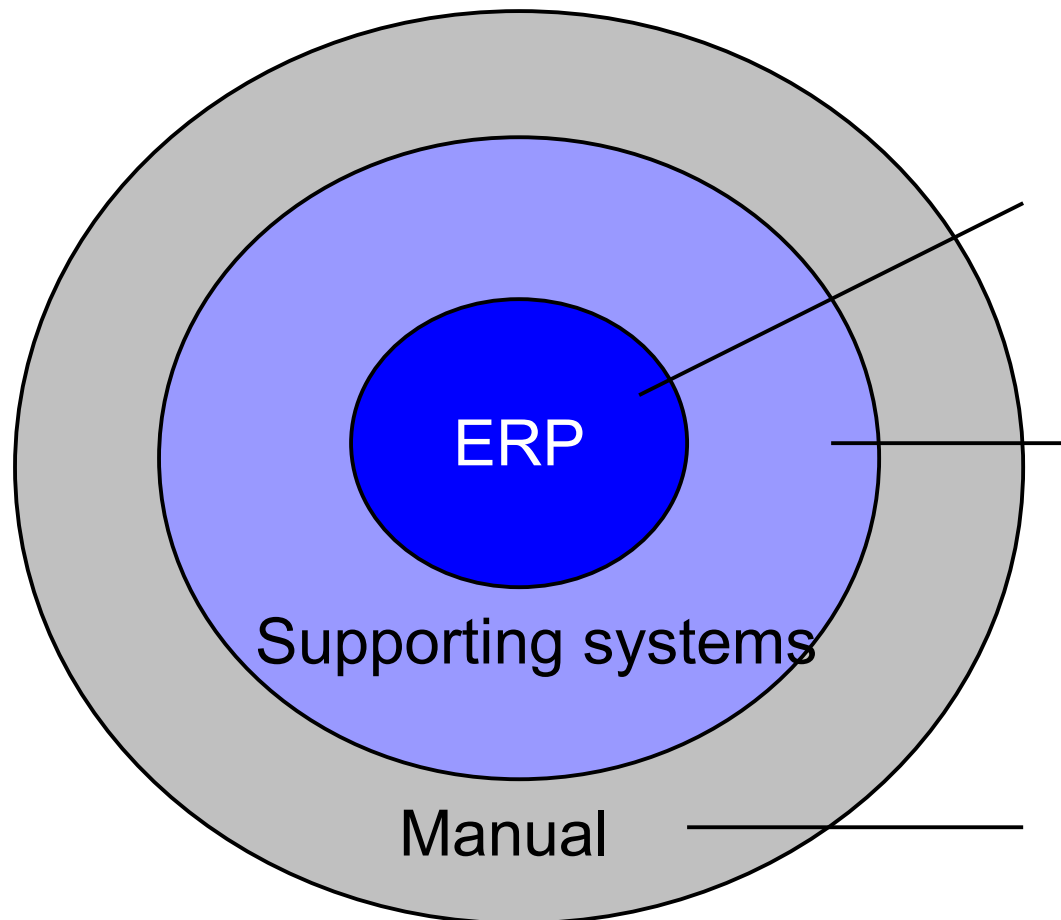
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# The concern



- Today's world is agile
- New application requirements emerge everyday
- Business rules change overnight
- Traditional software development tools and methodologies are no more adequate!

# Traditional application setup in an organization



Takes care of core needs like financial management, materials management etc.

Take care of requirements which are of agile nature or are not yet covered in ERP

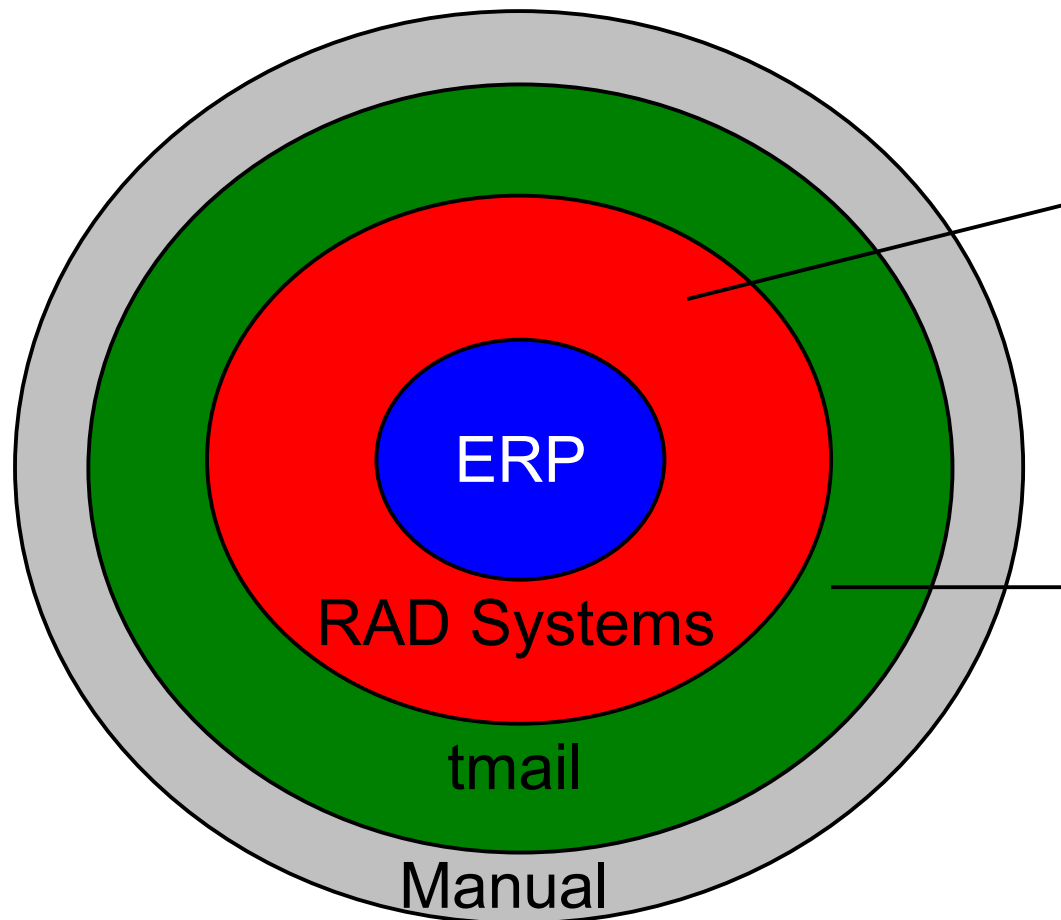
Ad-hoc requirements, requirements that are too dynamic, or not yet computerized

# Problems in the traditional setup



- Supporting systems are **not** made using agile development tools and methodologies. Hence, they take much money, time and effort to get developed and then resist change heavily.
- It becomes difficult to computerize ad-hoc and dynamic requirements. Hence, they usually remain manual. Employees use manual means like phone, fax, email or courier to handle these, which suck huge money, time and effort of the organization

# The proposed setup



Supporting systems could be developed and maintained using cutting edge FOSS agile RAD tools and methodologies

**tmail** could be introduced for handling most of the manual tasks

# Advantages in the proposed setup – **tmail**

- **tmail** is a task management system for managing unplanned adhoc tasks
- Highly effective compared to informal means of communications like email, phone or fax
- Tasks can be assigned to others globally with ease, and tracked online
- Task can be routed through multiple people, serially or in parallel
- Various types of reports like *integrated to-do list* are available at fingertips
- Free for all types of use, whether commercial or personal
- Follows SaaS model, i.e. no need to install any software, only Internet connection is sufficient
- Visit [www.gcollab.com](http://www.gcollab.com) or mail to [enquiry@radsolutions.co.in](mailto:enquiry@radsolutions.co.in) for more details
- **tmail** can effectively handle most of the manual tasks in an organization

# Advantages in the proposed setup – RAD Systems

- Applications can be developed rapidly enough to meet the instant need of the users
- Development process is enjoyable and effortless
- Can quickly incorporate requirement changes
- Quite economical as free and open source tools are used for development and deployment

# Recommendations on choosing the right set of RAD tools and frameworks

- Switch over to modern RAD frameworks like Struts 2.1 or Spring 3.0
- Choose the most powerful object-relational mapper (database access toolkit) which can cater to the need of the complexity of an enterprise, and can integrate with existing legacy databases
- Your choice should have all the plumbing code readily integrated, so that you focus on business logic
- Go Free and Open Source
- The framework or tool should be mature and actively being developed
- Should have active user group
- Should be having sufficient built-in libraries and components

# Recommended tools

- RAD Solutions seriously keeps evaluating various RAD tools. Based on our conscious evaluation and experience, we recommend the following for your organization
  - *MVC Framework* – Struts 2.1 (Struts 1.x is history)
  - *ORM and Database Toolkit* – Hibernate
  - *Database* – MySQL or PostgreSQL
  - *IDE* – NetBeans or Eclipse
  - *Build Tool* - Maven
  - *Source code control* – [SVN](#)
  - *Project management tool* – [trac](#)
  - *Testing tool* - [Selenium](#)

# What RAD Solutions Offer

- On these frameworks and tools,
  - Training to in-house developers on developing web applications
    - Guides how to develop and deploy a complete application “Resource Booking System” from A to Z.
    - Delivers “Resource Booking System” for FREE!
  - Web application development on contract

# What's Next

## Further, RAD Solutions

- Can workout a training package for your organization, and provide you the following
  - Detailed syllabus
  - More about the application to be delivered for free – “Resource Booking system.”
  - Time and cost estimate
- Can give you estimates if you need us to develop applications for your organization.
- Can quote on delivering you an intranet version of tmail. But, RAD Solutions strongly suggests using tmail as SaaS, directly at [www.gcollab.com](http://www.gcollab.com), as it would provides several key advantages. SaaS is highly preferred over installed software today.

# Thank You!

