## Development Maturity Levels

Application development teams range in technology adoption from those whose work is limited to performing routine maintenance on legacy applications to highly innovative groups that drive forward their organization’s growth through the creative use of technology. The Eradani Model covers five development maturity levels and their top characteristics.

### Maintaining
- Providing bug fixes and incremental feature updates
- Avoiding introduction of new, unfamiliar technology
- Limited budgets
- Aging technology staff

### Exploring
- Providing new UIs based on legacy technology like green screen data streams
- Cautiously looking at new technology
- Creating APIs using legacy languages and techniques for other groups to consume

### Initiating
- Building leading, responsive UIs in modern languages
- UI separated from Business Logic for UI flexibility
- Installing Open Source infrastructure and testing Open Source componentry
- Exploring Open Source DevOps tools

### Adopting
- Business logic wrapped with APIs layer to separate it from UI for UI flexibility
- Componentizing existing legacy code
- Optimizing the use of languages and technology (using the right tool for each job)
- Adopting Open Source DevOps tools

### Innovating
- Clear separation between UI, Business Logic and Data for maximum flexibility
- Making all functions available via services to increase business agility
- Using Cloud to increase testing effectiveness and productivity
- Using Open Source DevOps tool chains to drive consistent, automated processes
- Recommending creative uses of technology to drive business growth

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