Development-Team Organization

Team Issues
- Assignment of responsibility
- Distribution of authority
- Establishment of lines of communication
- Documentation for the above
- Exploiting relative proficiencies
- Creating stakes for everyone to hold

Single Programming Team Organizations
- Centralized Hierarchy
- Flat Democracy / “Egoless”
- Centralized Democracy
- Chief-Programmer Team

Centralized Hierarchy
Manager
Programmer 1
Programmer 2
Programmer 3

Hierarchy Pros/Cons

Flat Democracy
Programmer 1
Programmer 2
Programmer 3
Programmer 4
Flat Democracy Pros/Cons

Centralized Democracy

Centralized Democracy Pros/Cons

Chief-Programmer Team

- F. Terry Baker, 1975
- Modeled after a surgical team

Chief-Programmer Team Pros/Cons
<table>
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<tr>
<th><strong>“Tiger Team”</strong></th>
<th><strong>eXtreme Programming (XP)</strong></th>
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<tbody>
<tr>
<td>• Not a programming organization as such</td>
<td>• From Kent Beck, one of the CRC card inventors</td>
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<td>• Consists only of super-qualified individuals</td>
<td>• Programmers work as pairs, sharing a workstation, at all times.</td>
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<td>• Usually sent in from the outside to diagnose problem</td>
<td>• Anyone can change any code anywhere in the system at any time.</td>
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<td>• On-site customer, “writes tests”.</td>
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