# Overcoming Barriers to Collaboration in an Open Source Ecosystem

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**Table 3.** Barriers to collaboration in an open source ecosystem, by actor group

| Potential Barriers to Collaboration | Actor Group | | | |
| --- | --- | --- | --- | --- |
| | Governance | Complementors | Competitors | Core Community |
| Intellectual property concerns | ✓ | ✓ | ✓ | ✓ |
| Moving from closed to open and sharing information and knowledge with everyone in the ecosystem | ✓ | ✓ | ✓ | ✓ |
| Reluctance to be open | ✓ | ✓ | ✓ | ✓ |
| Lack of transparency | ✓ | ✓ | ✓ | ✓ |
| Lack of trust | | ✓ | ✓ | ✓ |
| Challenges of interacting with a diversity of people with different knowledge and experience | | | ✓ | ✓ |
| Lack of clearly defined roles/responsibilities | | | ✓ | ✓ |
| Inequality | | ✓ | | ✓ |
| The business' lack of representation in the ecosystem | ✓ | | | |
| Pluralistic control | ✓ | | | |
| Economic imbalance between actors of different size | ✓ | | | |
| Disparate/divergent interests | ✓ | | | |
| Inability to cooperate | ✓ | | | |
| Lack of vision/standards | ✓ | | | |
| Lack of clear objectives | | | ✓ | |
| Lack of shared values | | | ✓ | |
| Lack of leadership | | | | ✓ |
| Lack of a format team structure to achieve a project objectives (size/format/degree of centralization or decentralization) | | | | ✓ |
| Cultural differences | | | | ✓ |
| Challenges with integrating new members into the ecosystem, team, or project | | | | ✓ |