Seminar II - Code sharing?

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## Possibilities

### Sharing
- Open access
- Faster research progress
- Saving resources

### Not - Sharing
- Slow research development
- Wasting resources
- Publishing conflicts

<table>
<thead>
<tr>
<th>AM</th>
<th>You</th>
<th>Colleagues</th>
<th>Society</th>
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<tbody>
<tr>
<td>Not – Sharing</td>
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<tr>
<td>Sharing</td>
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<tr>
<td>Share open access</td>
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How to share?

- Colleague in the same group
- Group leader
- Whole group
- Collaboration partners
- Open access
  - GNU General Public License (GNU GPL)
  - Shareware
  - Github
Pros
• Helping colleagues
• Not wasting research money and time
• Improve research output and work environment

Risks
• Spread the code without permission
• Insecurities about ownership and misuse
• You may not know your collaborators very well!
Open access sharing

- Publicly available (including research community)
- Enhances research output on large scale
- Can influence other research fields
- Improvement of code due to larger use
- Avoid conflicts concerning ownership
- Avoid conflicts in the work environment
<table>
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<th>Not - Sharing</th>
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<tr>
<td>• Faster research progress for all involved parties</td>
<td>• Waste of public money</td>
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<td>• More advanced code can boost development of technology</td>
<td>• Knowingly delay work output</td>
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<td>• Spread value of transparency</td>
<td>• May create a stressful work environment</td>
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Solution

• Share your work

• But: Depending on who you share with, publish code first.