BUMBLE Deliverable D4.3
Synchronization of blended notations: prototypes
### Project Acronyms

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<tr>
<th>Acronym</th>
<th>Description</th>
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<tr>
<td>BUMBLE</td>
<td>Blended Modelling for Enhanced Software and Systems Engineering</td>
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<tr>
<td>UML</td>
<td>Unified Modeling Language</td>
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<td>UML-RT</td>
<td>UML for Real-time</td>
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<tr>
<td>PSS</td>
<td>Portable test and Stimulus Standard</td>
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<td>HOTs</td>
<td>Higher Order Transformations</td>
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1. **Introduction**

In this document we provide links and usage manuals for the open-source synchronization prototypes implemented as part of the work in Work Package 4.

2. **Synchronization for PSS**

All components of the proposed framework (along with installation guide and detailed user manuals) are publicly available in GitHub at:

- [https://github.com/blended-modeling/PSS](https://github.com/blended-modeling/PSS)

3. **Synchronization for UML-RT SMs**

The implementation of synchronization for UML-RT SMs is publicly available (along with installation guide and user manual) in GitHub at:

- [https://github.com/blended-modeling/UML-RT_StateMachines_Transformations](https://github.com/blended-modeling/UML-RT_StateMachines_Transformations)

4. **HOTs for bidirectional synchronisation and co-evolution**

The implementation of HOTs for bidirectional synchronization and co-evolution is publicly available (along with installation guide and user manual) in GitHub at:

- [https://github.com/MLJworkspace/BlendedModellingSolution](https://github.com/MLJworkspace/BlendedModellingSolution)