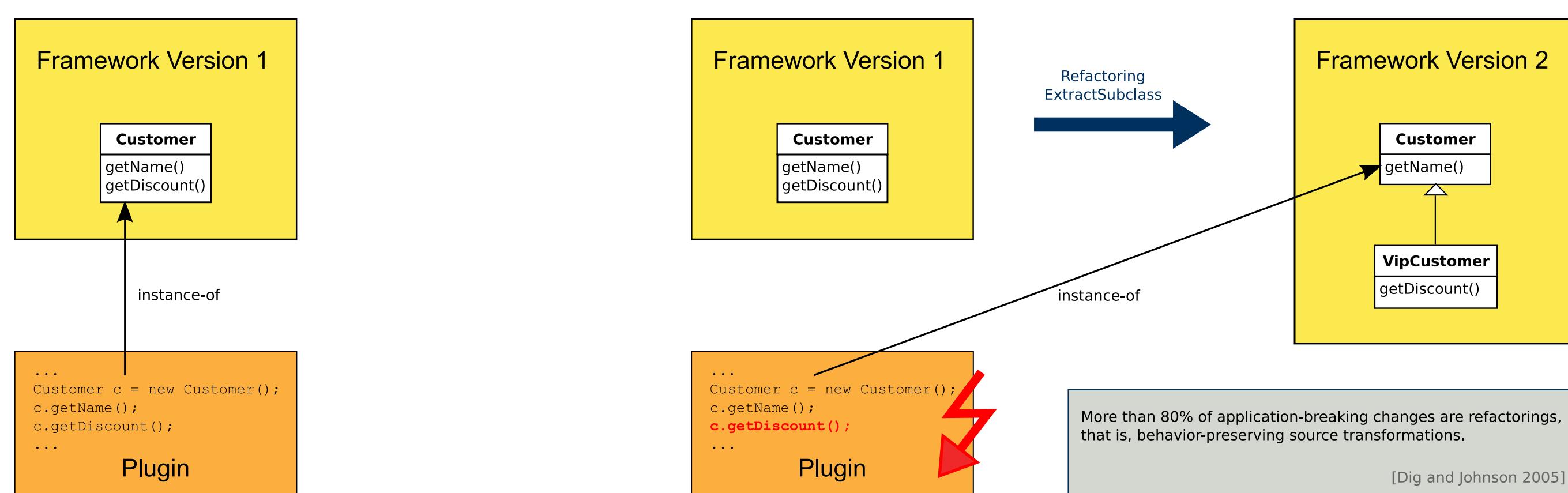


Refactoring-Driven Adaptation in Evolving Frameworks

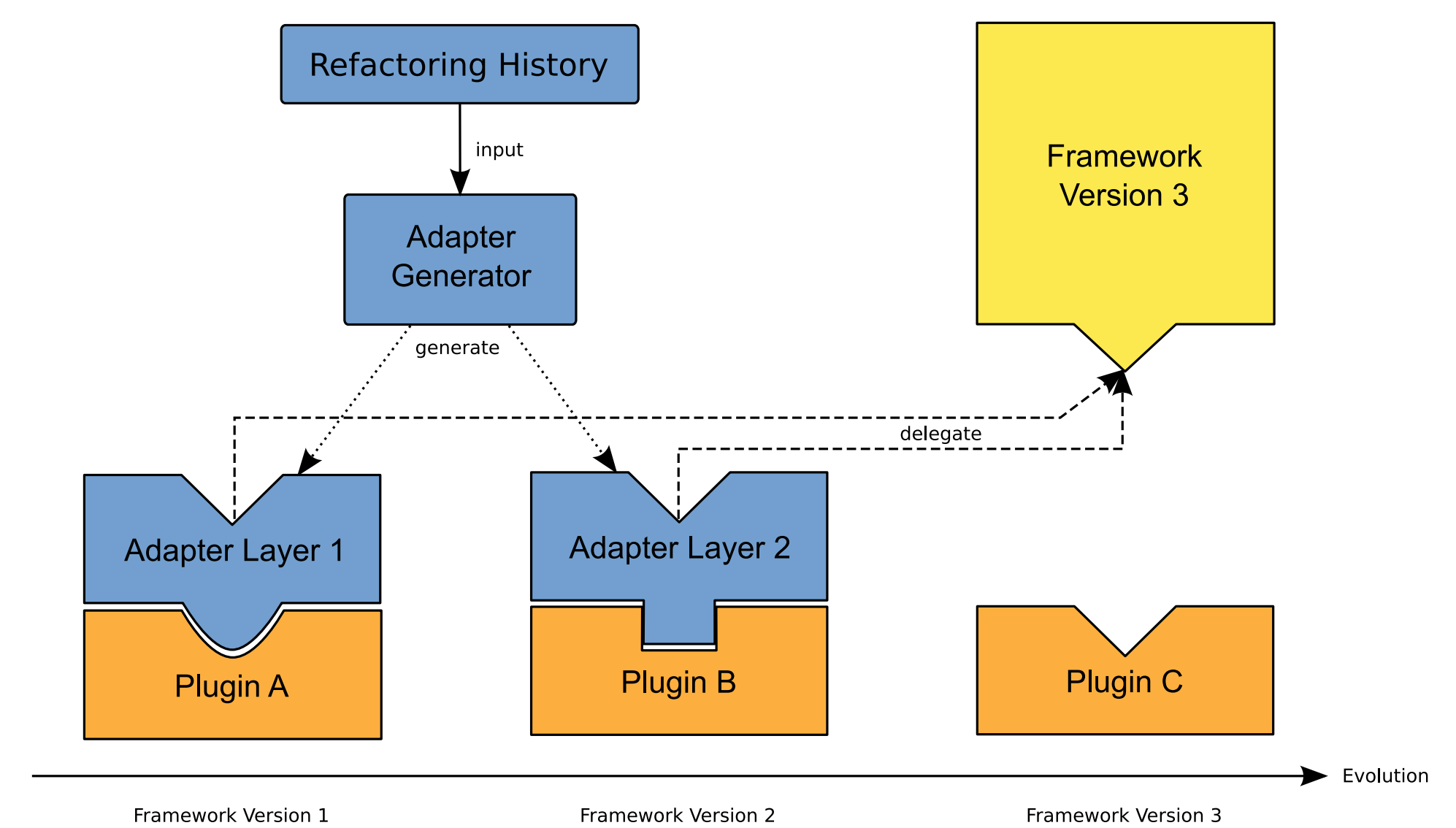
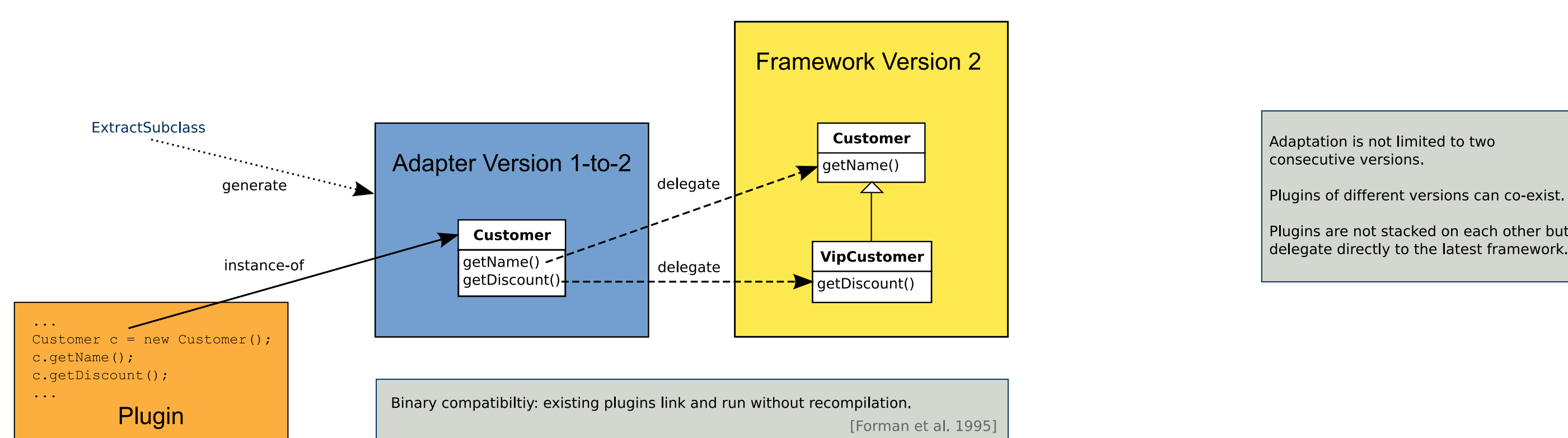
1. Problem: Framework Refactoring Breaks Plugins



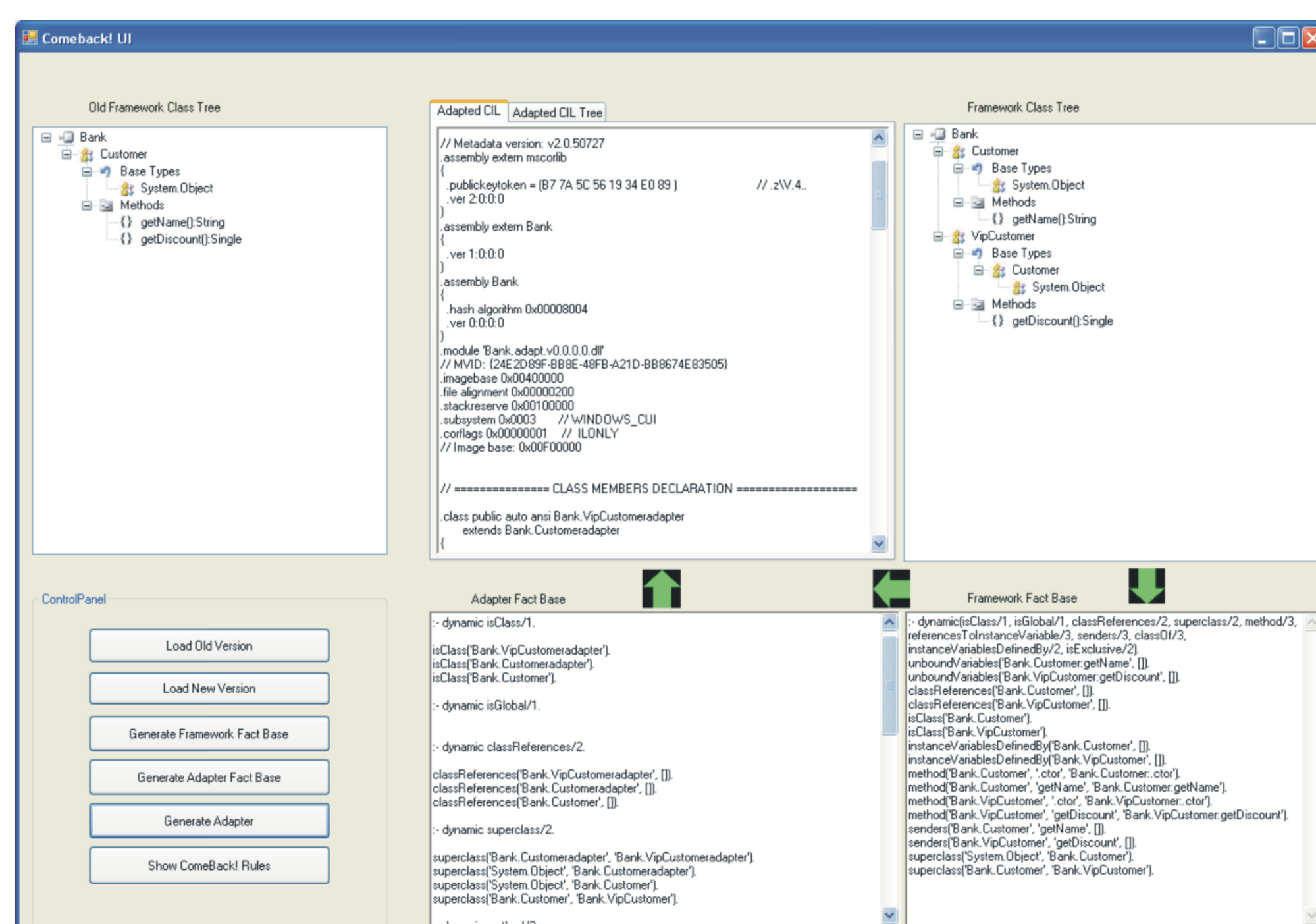
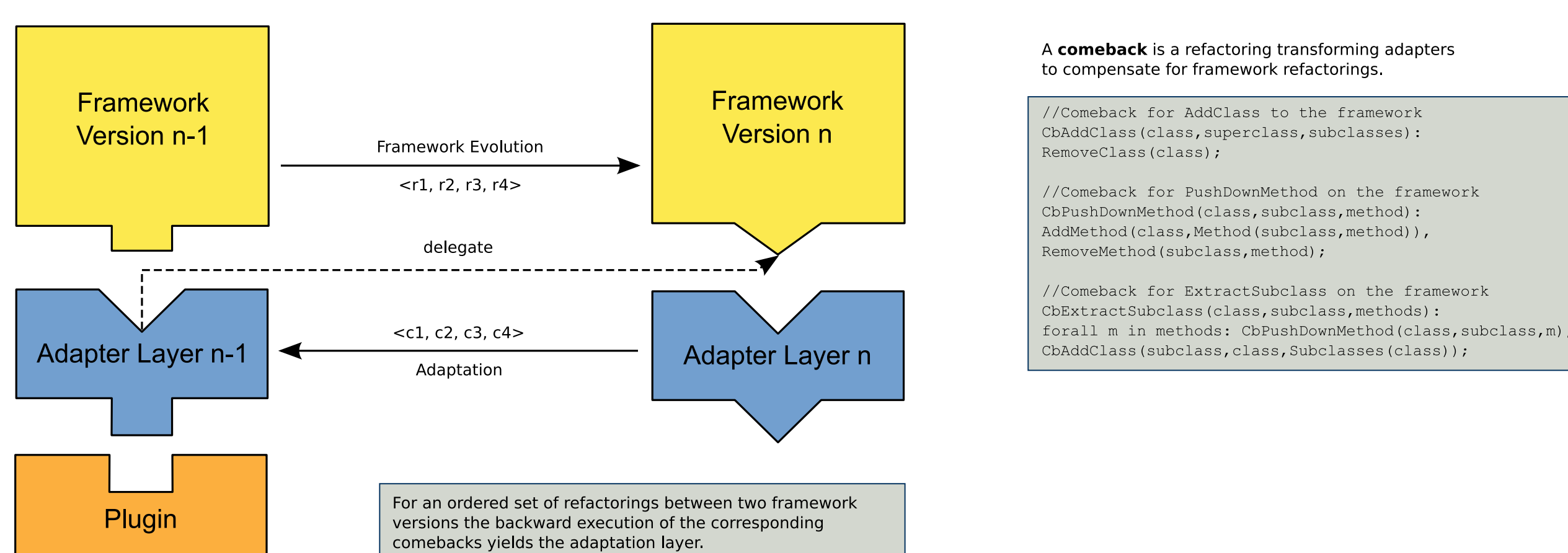
2. Goal: Safe Framework Upgrade

Based on refactoring information retain binary compatibility in case of framework refactoring automatically to **reduce the costs and improve the quality of framework upgrade.**

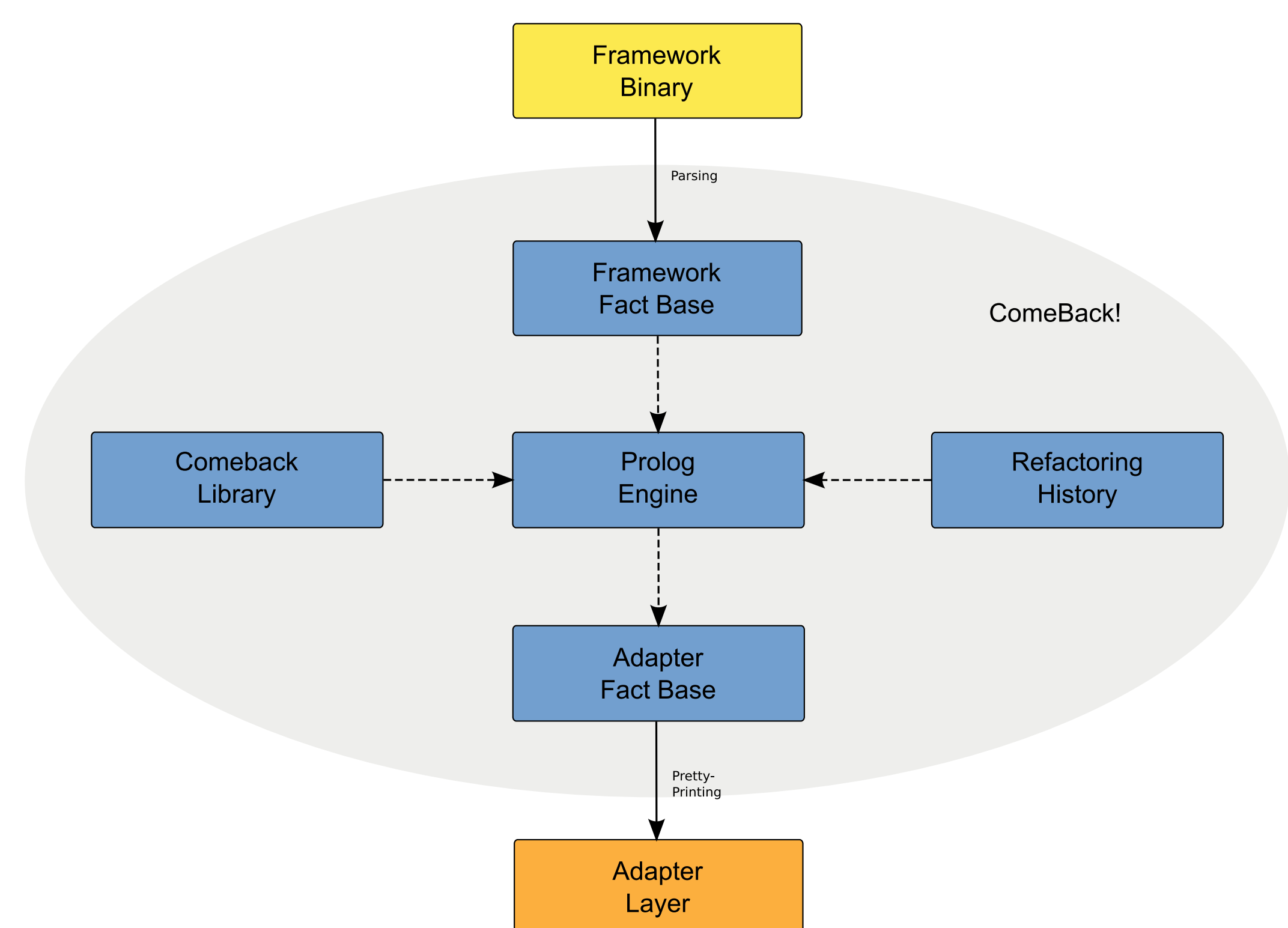
3. Solution: Generate Adapters From Refactoring History



4. Implementation: The ComeBack! Tool



ComeBack! in action: adapting the ExtractSubclass refactoring.



<http://comeback.sourceforge.net/>

Contact:

TU Dresden - Institute of Software and Multimedia Technology
Department of Computer Science
01062 Dresden
Germany
URL: <http://st.inf.tu-dresden.de>



M.Sc. Ilie Șavga
Research Assistant
Tel.: +49 351 463 38608
Fax: +49 351 463 38459
E-mail: ilie.savga@tu-dresden.de

Comarch Software AG
Chemnitz Straße 50
01187 Dresden
Germany
URL: <http://www.comarch.com>



M.Sc. Jacek Śliwowski
Software Analyst
Tel.: +49 351 4389700
Fax: +49 351 4389710
E-mail: jacek.sliwowski@comarch.com