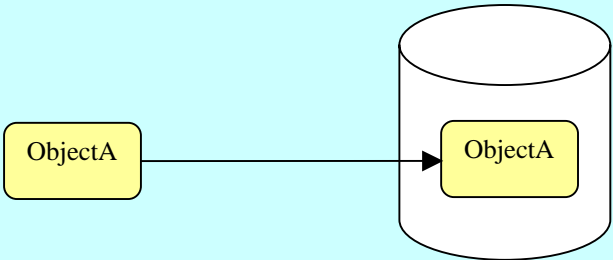
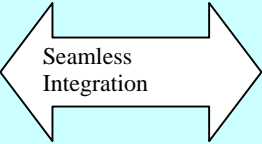
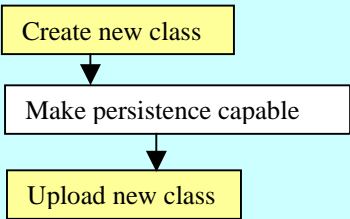
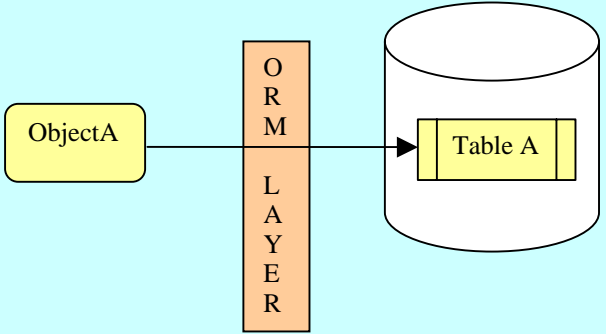
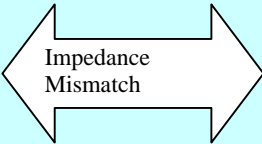
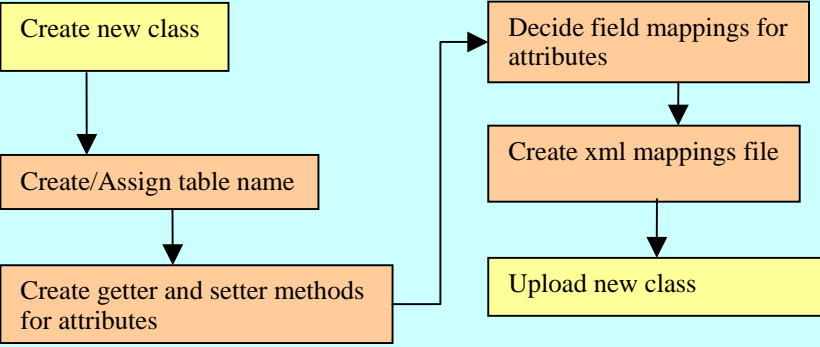




MAPPINGS USING OR AN ODBMS VS ORM TOOLS:		CREATING A NEW CLASSES IN THE MODEL:
<p><u>Using an ODBMS:</u></p> 	<p><u>Examples of ODBMS's:</u> Goods, Db4o, Versant, Gemstone, Objectivity/DB and Prevaler</p> 	<p><u>Creating a new class using an ODBMS:</u></p> 
<p><u>Using an ORM:</u></p> 	<p><u>Examples of ORM Tools:</u> Hibernate, Toplink and ObJectRelationalBridge (OBJ)</p> <p><u>Examples of RDBMS:</u> Oracle, MySQL, Postgres, MS SQL</p> 	<p><u>Creating a new class in the model using ORM:</u></p> 
<p><u>ODBMS Concepts:</u></p> <ul style="list-style-type: none"> — Objects needs to be marked to be persistable. — Made persistent by: postprocessor, preprocessor and modified virtual machine. — Persistent passed on by reachability 	<p><u>Questions:</u></p> <ul style="list-style-type: none"> — How to over come the impedance mismatch? — How fast is an ODBMS? 	<p><u>Future Work:</u></p> <ul style="list-style-type: none"> — Benchmark an ODBMS against an ORM with a RDBMS — Measure developer productivity. — Investigate standards. — Investigate ORDBMS's.