

Initiate Synchronisation Dialogue

perform edit on the person model and propagate changes

perform edit on the family model and propagate changes

perform edit on the person model

perform edit on the family model

set configurator with parameters

compare actual models with expected ones

compare actual models with expected ones

save current states of source and target models

the name of the BXTool

```
/**
 * This interface describes the expected functionality of
 * a "BXTool" from the perspective of the benchmarkx.
 * @param <S> The root type of all source models
 * @param <T> The root type of all target models
 * @param <D> Represents runtime decisions that can be
 * requested by the tool at runtime.**/
public interface BXTool<S, T, D> {

    public void initiateSynchronisationDialogue();

    public void performAndPropagateTargetEdit(Consumer<T> edit);

    public void performAndPropagateSourceEdit(Consumer<S> edit);

    public void performIdleTargetEdit(Consumer<T> edit);

    public void performIdleSourceEdit(Consumer<S> edit);

    public void setConfigurator(Configurator<D> configurator);

    public void assertPostcondition(S source, T target);

    public void assertPrecondition(S source, T target);

    public void saveModels(String name);

    default public String getName() {
        return "Please set the name of your bx tool!";
    }
}
```