

```
theory Merge
  imports Base
begin

definition Merge where
  "Merge  $\Gamma_a \Gamma_b \Gamma_c \equiv \Gamma_a \vee_A \Gamma_b \implies_A \Gamma_c$ "

lemma merge_refl: "Merge  $\Gamma \Gamma \Gamma$ "

method merge = (simp only: star_aci)?, rule merge_refl

end
```