

```
function fuji<TS extends RuleType, A, B = A>(r1: Rule<TS, A, B>):  
Fuji<TS, B>  
  
function fuji<TS extends RuleType, A, B = A, C = B>(  
  r1: Rule<TS, A, B>,  
  r2: Rule<TS, B, C>  
) : Fuji<TS, C>  
  
function fuji<TS extends RuleType, A, B = A, C = B, D = C>(  
  r1: Rule<TS, A, B>,  
  r2: Rule<TS, B, C>,  
  r3: Rule<TS, C, D>  
) : Fuji<TS, D>  
  
function fuji<TS extends RuleType, A, B = A, C = B, D = C, E = D>(  
  r1: Rule<TS, A, B>,  
  r2: Rule<TS, B, C>,  
  r3: Rule<TS, C, D>,  
  r4: Rule<TS, D, E>  
) : Fuji<TS, E>  
  
function fuji<TS extends RuleType, A, B = A, C = B, D = C, E = D, F =  
E>(  
  r1: Rule<TS, A, B>,  
  r2: Rule<TS, B, C>,  
  r3: Rule<TS, C, D>,  
  r4: Rule<TS, D, E>,  
  r5: Rule<TS, E, F>  
) : Fuji<TS, F>
```

# Object.assign

```
assign<T, U>(target: T, source: U): T & U;
```

```
assign<T, U, V>(target: T, source1: U, source2: V): T & U & V;
```

```
assign<T, U, V, W>(target: T, source1: U, source2: V, source3: W): T & U & V & W
```