

## 1 Basic setup

Original function	$f$	$: S \rightarrow T$
Full Jacobian	$\nabla f$	$: S \rightarrow (S \multimap T)$
Forward derivative	$f'$	$: S \rightarrow S \rightarrow T$
Reverse derivative	$f^{\circ}$	$: S \rightarrow T \rightarrow S$

---

```
f x = x
g y = let v = 3 o 7
      w = 4
      t = 7
      in wueble
```

---