

## Notes - 1/6/2014

---

Monday, January 06, 2014 10:59 AM

- Status of proposed 1.0 design changes
  - Reversing order of declaration merging for overloads
    - Design: done
    - Code: done
  - Simplifying constraints
    - Design: done
    - Code: in progress
  - Type inference in the presence of recursion
    - Investigate: in the below example, we may just want to be conservative and assume `()=>any` once we observe `fnArg2` used as an argument to a call

```
function overload1(x: (n: string) => string): string;  
function overload1(x: (n: number) => number): number;  
function overload1(x: (n: any) => any): any;  
function overload1() { return undefined; };
```

```
function fnArg2() {  
    return overload1(fnArg2);  
}  
var t = fnArg2(); // t: ?
```

- Investigation update: change to optionality/rest parameter assignment compatibility
  - Consensus: do the change