Context-based prediction


```
0x1337: void speak(Animal a) {
0x1338:     a.talk();
        }
```

F2

BHB

Shift Register

F1

```
breed_cats()
↳ new_cat()
  ↳ new Cat()
    kitten_first_words()
    ↳ speak()
```

BTB

TAG	TARGET
TAG_{cat}	"meow" 🐱
...	...
TAG_{dog}	"woof" 🐶

TAG_{cat}

=?

"meow" 🐱