# Reverse Self-Training

Goal: Learn from monolingual data to produce new target-side word forms in correct contexts.

|  | Source English |  | Target Czech |
|---|---|---|---|
| Small Parallel | a cat chased… | = | **kočka** honila… |
|  |  |  | *kočka honit… (lem.)* |
|  | I saw a cat | = | viděl jsem **kočku** |
|  |  |  | *vidět být kočka (lem.)* |
| Big Monolingual | ? |  | četl jsem o **kočce** |
|  |  |  | *číst být o kočka (lem.)* |
|  |  |  | Use reverse translation |
|  | I read about a cat | ← | backed-off by lemmas. |

⇒ A new phrase learned: "about a cat" = "o **kočce**".