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Description of Class Case Study: HA proxy

Ha proxy is a type of reverse proxy which is completely open source. This is a very famous reverse proxy which is being used by many big companies as their primary reverse proxy. So what happens is that when we try to access some website our system acts as a client and we connect to the server of the website. If the website has implemented a reverse proxy then instead of connecting directly to the companies servers we connect to the reverse proxy which is a server in itself and then the reverse proxy matches the client to the server. This can be done due to a variety of reasons for example if the company is trying to do AB testing, then that can be achieved using a reverse proxy. If the company wants to do load balancing then that can be implemented using a reverse proxy. HA proxy in particular is one good example of a reverse proxy. It is written mostly in C therefore it is quite fast and even one of the fastest reverse proxy that is out there. HA proxy, that last time I checked had more that 15000 commits.