

Any user's local hard drive can be used to back up data for other users and vice versa, **on global scale**.



Each user chooses his **time interval** when he is online, and the reliability (weekends, workdays, server-time).



The fragments are sent via **peer-to-peer** to other users. The partner users are chosen based on their time intervals and reliability.



The data is first **encrypted** and **fragmented** by Reed Solomon Coder, which also adds some **redundant fragments** to the data.



Due to the redundant fragments, even if some users are offline the data can be still downloaded and reconstructed.



The amount of storable data depends on the user's contribution **time interval**, **reliability**, **free space**.

