MIRO

JOHDANTO
1. MIRO

1. MIRO

Miro on [Participatory Culture Foundationin](http://www.getmiro.com/) kehittämä videosoitin. Miro löytyy osoitteesta http://www.getmiro.com/.

Miro on avoimen lähdekoodin ohjelma ja se on julkaistu GPL-lisenssillä, joten sitä voi vapaasti levittää, käyttää ja sen lähdekoodia voi tutkia ja parannella.

Miro toimii käyttöjärjestelmissä **Mac OSX**, **Android**, **Windows** ja **Linux**.

Miron etuja ovat seuraavat seikat:

- Miro etsii automaattisesti esimerkiksi iTunesin mediatiedostot kovalevyltäsi.
- Miro synkronisoi musiikkisi Androidiin.
- Amazonin musiikkikauppa on liitetty Miroon.
- Miro lataa videoita esimerkiksi YouTubesta.
- Mirolla voi muuttaa videoiden tiedostomuotoa sopimaan esimerkiksi erilaisiin älypuhelimiin.
- Miro voi streamata ääntä tai videota toisen käyttäjän Miroon.
- Miro on voittoa tuottamattoman järjestön tekemä avoimen lähdekoodin ohjelma, joten mikään kaupallinen yritys ei hallitse sitä.
- Miro pystyy lataamaan Bittorrent-tiedostoja.

9 Reasons why Miro is better than what you have now.

ASENTAMINEN
2. ASENNUS UBUNTUUN
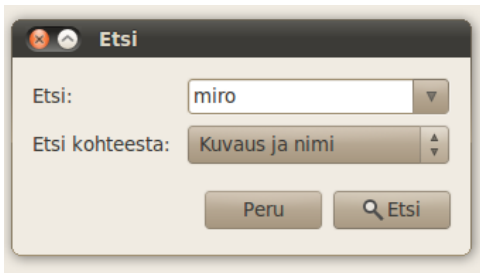
2. ASENNUS UBUNTUUN

Voit asentaa Miron Ubuntuun valitsemalla valikosta **Järjestelmä** > **Ylläpito** > **Synaptic-pakettienhallinta**.

Synaptic kysyy koneesi salasanaa. Kirjoita se ja Synaptic avautuu.

Paina Synapticissa **Etsi**-kuvaketta.

Avautuvassa ikkunassa voit kirjoittaa *miro* kohtaan **Etsi** ja painaa nappia **Etsi**.

Pakettilistaan ilmestyy **miro**. Laita rasti sen kohdalle.

	miro	3.0.1-0ubuntu2	GTK+-pohjainen RSS-videokerääjä
	miro-data	3.0.1-0ubuntu2	GTK+ based RSS video aggregator data files
	mjpegtools	1:1.9.0-0.5ubuntu3	MJPEG video capture/editting/playback MPEG encoding

Ikkuna **Merkitäänkö vaaditut lisämuutokset?** avautuu. Nämä ovat ohjelmakirjastoja, joita Miro tarvitsee toimiakseen ja ne asennetaan samalla Miron kanssa. Napsauta nappia **Merkitse**.
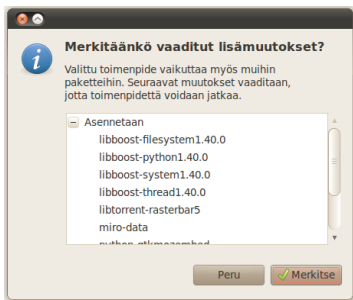

Paina nappia **Toteuta** ja Synaptic asentaa Miron.


Synaptic lataa ohjelmistopaketit Ubuntun ohjelmistolähteestä ja asentaa ne. Tämä voi kestää jonkin aikaa verkkoyhteytesi nopeudesta riippuen.

Kun lataus on valmis, voit sulkea Synapticin ja käynnistää Miron valikosta **Sovellukset** > **Ääni & video** > **Miro Internet TV**.
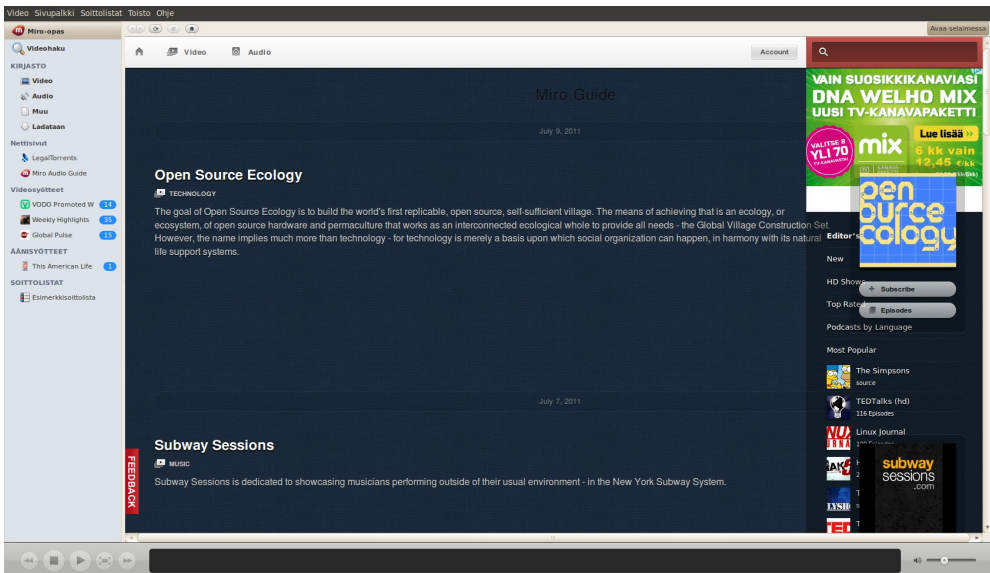
Miron aloitusasetusikkuna ilmestyy. Ensin voit valita tahdotko Miron käynnistyvän aina koneen käynnistyessä. Paina sen jälkeen **Seuraava >**.
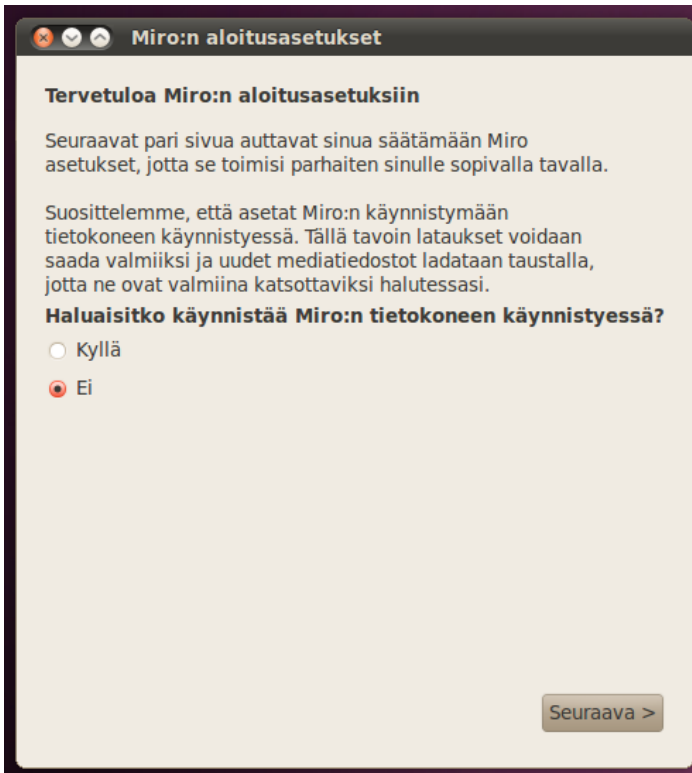
Seuraavaksi Miro voi etsiä koneeltasi vanhat mediatiedostosi, jos tahdot niiden olevan valmiiksi Mirossa. Jos et tahdo Miron etsivän niitä, voit painaa **Valmis**.
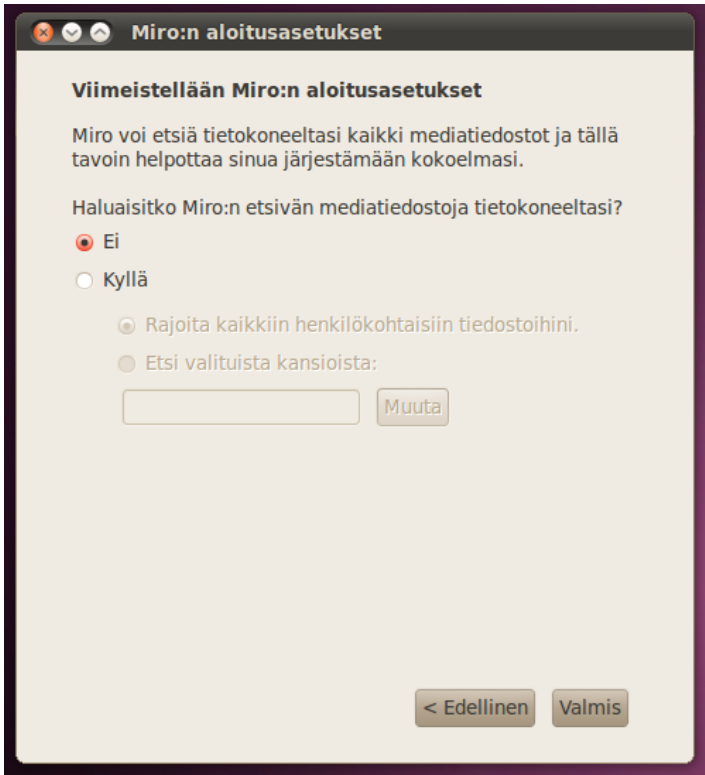
Nyt Miron käyttöliittymä avautuu.

MIRON KÄYTTÖ

3. VIDEON KATSOMINEN

Nyt voit katsoa videon Mirossa valmiina olevista videosyötteestä. Kun avaat Miron, voit huomata vasemmalla listan videosyötteistä. Valitse joku niistä.
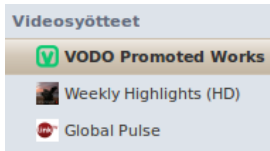
Näet nyt listan erilaisista videoista. Voit valita itseäsi kiinnostavan videon ja napsauttaa **Lataa torrentti**.

Verkkoyhteytesi nopeudesta ja videon koosta riippuen lataus voi kestää jonkin aikaa. Näet palkin, joka osoittaa jäljellä olevan latausajan.

Kun lataus on valmis, näkyviin ilmestyy toistonappi, jossa lukee **Toistamaton**, koska et ole vielä katsonut videota.

Paina toistonappia ja video toistetaan.

4. TILAA PODCAST

Tämä kappale opastaa tilaamaan podcastin RSS-syötteestä. Huomaa, että voit tilata Miroon kanavia, joita ei ole listattu Miron käyttöliittymään.
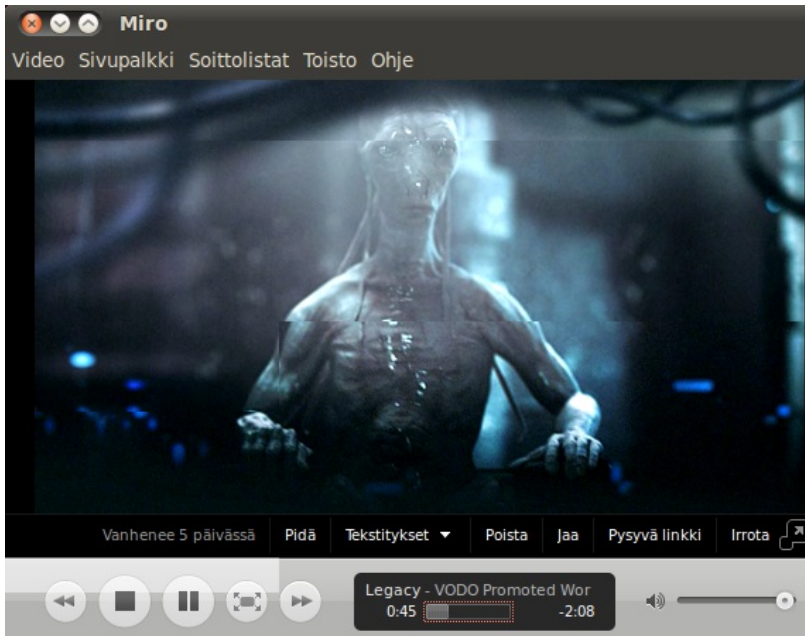
Sinun täytyy etsiä podcastin verkko-osoite ("URL"). Teknisesti ottaen tätä kutsutaan **RSS-syötteeksi**. Löydät RSS-syötteitä blogeista tai uutissivuilta. Ne tunnistaa yleensä kuvakkeesta, joka linkittyy tekstitiedostoon. Äänipodcastien lisäksi on tarjolla videopodcasteja. Jotkut sivut voivat kutsua videopodcastia "vodcastiksi".

Voit kokeilla esimerkiksi suomalaisen Linuxia käsittelevän Linucastin syötteen lisäämistä menemällä selaimellasi [Linucastin sivustolle](). Nyt voit etsiä videopodcastin tai kanavan verkko-osoitteen ("URL"). Teknisesti ottaen tätä kutsutaan **RSS-syötteeksi**. Ne tunnistaa yleensä kuvakkeesta, joka linkittyy syötetiedostoon.

Syötteeseen voi liittyä millainen tahansa kuvake. On kuitenkin ollut pyrkimyksiä standardisoida RSS-syötteisiin liittyvät kuvakkeet, mutta useampia eri versioita on edelleenkin käytössä. Esimerkiksi tämä kuvake merkitsee RSS-syötettä: **RSS**. Joskus kuvakkeessa on teksti XML: **XML**.

Linucastin sivuilta löytyy kuitenkin kaksi versiota XML-kuvakkeesta. Toisesta syötteen saa MP3-muodossa ja toisesta Ogg Vorbis - muodossa:
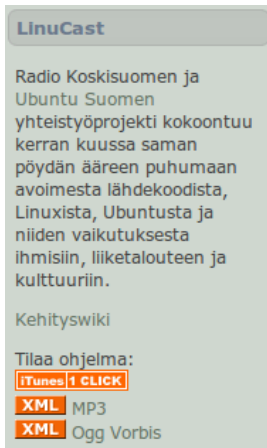
Kannattaa valita Ogg Vorbis, sillä se on avoin formaatti. Napsauta **tekstin Ogg Vorbis** vieressä olevaa XML-kuvaketta hiiren oikealla napilla (CTRL + napsautus Macissa) ja valitse **Kopioi linkin osoite**. Tämä kopioi RSS-syötteen URLin tietokoneesi muistiin tai "leikepöydälle".

Nyt sinulla on kanavan URL tietokoneesi muistissa, avaa Miro ja kopioi tämä tieto Miroon. Tehdäksesi tämän, valitse **Sivupalkki > Lisää syöte** Miron valikkopalkissa.

Kun **Lisää syöte** -ikkuna ilmestyy, voit nähdä kanavan URLin valmiina laatikossa. Tämä tapahtuu, koska Miro tietää mitä tietokoneesi muistissa on. Kun avaat tämän laatikon, Miro arvaa, että muistissa on luultavasti kanavan URL. Napsauta **Luo syöte**.

Miro alkaa automaattisesti päivittää tämän kanavan videoiden listaa.
Tämä voi kestää jonkin aikaa riippuen saatavilla olevasta sisällöstä ja
internet-yhteytesi nopeudesta.

Jos se ei ilmesty, yritä painaa **Ctrl + V** (tai **Apple + V** Macilla)
"liittääksesi" kanavan osoitteen laatikkoon. Kun osoite ilmestyy **URL**-
laatikkoon, napsauta **Luo syöte**. Miro lisää kanavan vasemmalla
olevaan **Videosyötteet**-listaan.
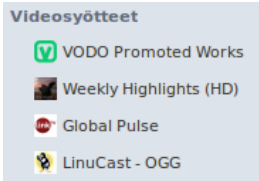
5. AUTOMAATTISET LATAUKSET

Jos pidät jostain kanavasta Mirossa, voit asettaa Miron lataamaan automaattisesti kaikki uudet video- tai audiosyötteet, jotka kyseisellä kanavalla julkaistaan. Alla olevassa kuvassa voit nähdä, että **Lataa automaattisesti** on pois päältä.
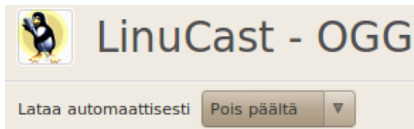
Jos napsautat valikkonappia, näet kolme vaihtoehtoa:

- **Kaikki**: Miro lataa kaikki kanavan ohjelmat.
- **Uusi**: Miro lataa kaikki kanavan ohjelmat, jotka on julkaistu, kun käynnistät Miron tai pyydät Miroa tarkastamaan uudet videot.
- **Pois päältä**: Miro ei lataa ohjelmia automaattisesti. Sinun täytyy ladata itse jokainen ohjelma, jonka tahdot nähdä.

6. TIEDOSTOJEN SÄILYTTÄMINEN

Miro poistaa vanhentuneet videotiedostot automaattisesti. Säilyttääksesi videon joudut kertomaan Mirolle, että sitä ei saa tuhota. Tehdäksesi tämän, napsauta **Pidä**-nappia, kun olet katsonut videon.
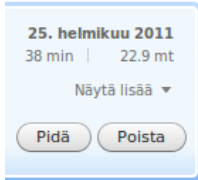
Määritelläksesi kuinka kauan videot täytyy säilyttää ennen kuin ne tuhotaan, valitse **Video > Asetukset**. Valitse välilehti **Levytila**. Välilehdessä olevasta **Oletuksena video- ja äänitiedostot vanhenevat** -pudotusvalikosta voit valita, kuinka kauan Miro säilyttää ladattuja videoita. Kohdasta **Säilytä vähintään näin paljon vapaata levytilaa kovalevyllä** voit määritellä Miron pitämään tietyn osan kovalevystäsi vapaana.
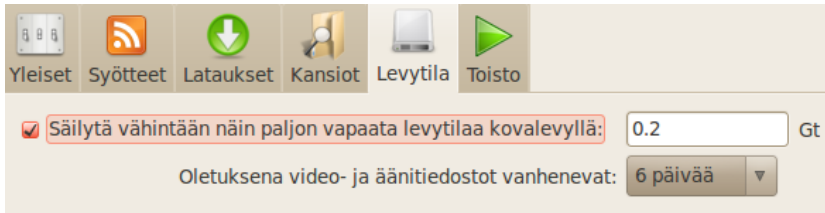
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7. LISENSSI

7. LISENSSI

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JOHDANTO

Muokkaukset:
TomiToivio - **Tomi Toivio 2012**, **2011**

ASENNUS UBUNTUUN

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