**Talent and Skills focused on FOSS Projects; an option for professional growth**
Manuel Haro

>> Hello, everyone.  Welcome back to Track two of GUADEC.  Today we have Manuel Haro telling us about talent and skills on FOSS projects, an option for professional growth.  Great to have you, Manuel.  Take it away, please.

>> Thank you for having me.  It's a big pleasure to share all the strategies around the open-source lab here in Mexico specifically in Zacatecas.  The talk is about how we can fix a big community around open source technologies.  So we start around 2020 with organizing a big event in Zacatecas the Free Software international open source.  So this was with a great person who developed FOSS.  This was in 2011, but in 2012 we are organizing this in Zacatecas where there's really amazing environments with Ramon Morales.  Mario Tesa who is the assessor in Latin America.  This year we create the launch in the open of the open source lab.  We're around 150 guys of developers and students and experts from academic from an environment that comes from open source lab exclusively with open source technologies.  This year here in Zacatecas we started this open source lab and it's a big support from the government of the state of Zacatecas and technology council.  So how we can reach the attract for the youngs and the developers and development, the fierce strategy was launched from the open-source lab from the Zacatecas technology council.  In the academy we have the most fresh knowledge around technologies.

So this picture is a picture from a year where these guys are developed around six months and some time (audio breaks).  They are the best alliance for the lab to come through the students who comes from open source labs.  Another line is all the support from Intel from Guadalajara we launched similar modem creating networks around the country.  So here we got to network of collaborations that are together.  The difference is from Intel international lab network, working in innovation strategies but not exclusively with open-source technologies.  So we are still working with open source technologies today.

This is the deployment of the open source labs and the states which is filled in with blue color is the innovation labs from Intel.  And the states filled with orange colors are open source labs around the country.  So here we are working with two specific lines to development.  This office of open source lab, these are states that are coming with open source lab community and they have offices of the open source lab in the universities.  So we're expanding the model of other country because each state is different.  So they can fix different strategies and different innovations.

These states in the country have specific strategies aligned to the strategic sectors of each state.  So this is a table where we can see the development of the open source lab community that's starting in 2012.  We're running with 11 projects and collaborating.  A few minutes ago I was talking with George and it's amazing the things that he was talking about.  We have a lot of talent and big skills.  The young developers come from the university.  It doesn't matter what kind of technology we must use.  So we can align these guys.  So after eight years of working with this open source project we don't have any kind of problem.  The projects are very important.  So these are projects of GitLab and open source lab.  Below you can see the URL gitlansol.cozcyt.gob.mx.  So you can see the start of the research to see how the project was developed.  So they can use this project for development.  The other projects are developed is under open source license.  Here is the UPL version three but there are other licenses.  There are some kind of licenses and as you know the

licensing of the project is aligned to the kind of project and to the kind of the client who is developing the project.

Another important point here in Zacatecas in Mexico is that Zacatecas has the open source lab here in Zacatecas.  And it has other open source in the other Latin American continents.  So this allows for support for the lab and the government.  We always got all the support to develop a very good strategy, a strong strategy to use and use the powerful to try driving a very important innovation.  We have the model of 400 that's developed.  There are cities around all the country.  We have 1,233 and we're working with projects and lab.  So one of the most important grounds of support is support for -- we can give through all these developers who is coming to develop varieties of the open source lab and they have a scholarship.

So these scholarship is a little motivation of works.  So this is very very important for us that we can support, that we can help this through support and strategies.  We are trying to always keep up to date with the technologies.  Starting with the HP using the MSQL, but right now these types of technologies and easy projects can be good technologies.  But we are evolutioning with the technologies because Intel or collaboration with special leaders about technologies we are working together with the more new technologies that are developing.

This was a very good platform and Openstack we started to work with maybe four or five years ago.  So this project was not launched for a platform.  So this is the opportunity to new technologies to learn from these new technologies.  And the students and the guys are very very open to access these kind of technologies.  And sometimes they don't have any knowledge about these technologies, but that doesn't matter.  How we can consolidate a strain and engagement community.  One of the most important things is a scholarship.  Another thing is all the projects that are being developed is directly where companies are directly with government and directed with any kind of -- many times, a lot of times that these guys are working for projects they're contracting or regrouping and developing technologies.

>>  10-minute check, Manuel.

>>  Okay.  Thank you.  Another thing is a lot of events to attracting the community and to maintaining this community in an open source lab where we can create all the talent and to make productive projects.  The Labsol Training Camp is a training camp on how this must work.  But us, Labsol, is about an academy and research community.  This is very important in community that works for community.  Another thing is working with creating creativity with technologies to make a good project.

Another here in Zacatecas there's a big project named Quantum where the open source lab goes to this very important ecosystem around the country.  So we can work together with these academies and companies.  It's about making a very important complex ecosystem to collaborate.  All the time we are trying to approach to work together with important collaboration and collaborate with more leaders.  So this really looks like a project that is developed to a leader and developers.  We have some guys working for these different companies.  So in collaboration and co working, there's a very important event around the FOSS.  So as this was in Guadalajara it was very important.  The most important is that this hundred students maybe in between 40 and 45 students is working right now with some project as commuters.  So it's very important for us this kind of events.  GUADEC is another opportunity.  I work so hard to integrate to some studies on something like that.  The yellow logo is from Brazil.  Another important from open source lab is the boost and professional positioning.  A lot of students from this has a lot of time --

>> One more minute.

>> Okay. Thank you. We must have found a way to positioning for this talent. There are big companies. So I'm sure all the scales of the developers and must have a very important project. I think we have I don't know maybe one or two themes working the community engagement challenge. We have to use with some guys. So this is trying to go to work around the world.

So this is me and this is my presentation. Thank you very much for the time to stay here and hearing from me. And, well, maybe we can make invitation to GUADEC 2021 here in Zacatecas.

>> Thank you, Manuel. It's great to see you. We have one question. Do you want me to read the question?

>> Please read me the question.

>> For sure. The question we have is what can GNOME do to help in lots of projects or are there projects there that will be pushed into GNOME?

>> How can they help us? Maybe they can strive to do some strategies and to collaboration from the foundation. Really, this opportunity is very important and very helpful for us. Thank you.

>> Sure. We have other question. Are there projects there in the Labsol that can be pushed into GNOME?

>> Maybe we can find some projects where we can integrate some of that. We can fix it and try to find the way to start works. It would be a pleasure for us to do for our community.

>> Okay. We have another question coming in right now. What barriers do you see for Labsol students to start contributing?

>> That's a very good question. Thank you. I think we have to start to create trainings, trainings to the guys comes to some projects around the GNOME foundation. Maybe we can start to look for projects where GNOME developers can also try to credibility.

>> Okay. Manuel, I don't see more questions for your talk. Oh, there's one. It is being tied right now so let's hold on for a second there.

>> Okay. The question is in your program is there any legal training for licenses?

>> I think there are different kinds of people that are holding trainings and they're working on some kind of trainings for this. It's very important for us to try to have the type of license for this.

>> Okay. Manuel, thank you very much for the talk. We are now at time. Thank you, again, for your presentation and we look forward to seeing you in Zacatecas next year.

>> Okay. Thank you.

>> Okay. We are now at the end of Track two GUADEC today. And we look forward to seeing you at the stand-up comedy at 21:00 UTC. Don't miss it. You should enjoy this performance.