troweb Videos Links

1- Revolutionizing Education with AI: Introduction to Troweb AI Tutor | Webinar
LINK: https://youtu.be/zWYKMZOYn_I?si=Bm_pGlh3N6Soq9NL
Description: Jun 19, 2024 DUBAI
Join Ehsan, CEO of troweb Soft, for an insightful webinar on how AI is transforming education. In this session, we introduce troweb, our innovative platform designed to tackle tough challenges through AI, and delve into our AI Tutor – an application providing personalized learning experiences for students.

🌟 Topics Covered:

The Role of AI in Modern Education
Understanding Chatbots and Intelligent Agents
The Mechanics Behind Educational Agents
Personalized Learning with AI Tutor

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Book a meeting right away: https://troweb.zohobookings.com/#/troweb

#Education #ArtificialIntelligence #AITutor #K12Education #trowebSoft #Webinar #EdTech
Transcript:
0:00
uh my name is Assan and today I want to share our experience with you about deploying AI agent for education I got
0:08
my PhD in Ai and natural language processing and I'm the founder of troweb
0:13
soft which is AI based Knowledge Management platform all of us have been thrilled about achievements by Ai and it

0:21
is has given us some sense of confusion and excitement about what is about to
0:27
come next and uh going to surprise us so
0:32
today we want to show our I mean share our experience that's where we were and
0:37
what we think are the elements of a building a successful AI based
0:46
solution so as Amir said if you have any questions please feel free to ask it in
0:52
the QA section uh also if you raise your hand at the end of the session we will
0:59
invite you to the panelist section and you can ask your questions
1:05
live okay let's go so in today's talk uh
1:11
I want to walk you through some Concepts that I believe will help you to think
1:17
more systematically about AI in education all of us have been using chat
1:22
interfaces recently and have have been amazed with the performance and a level
1:28
of understanding that they these chat agents are showing but uh the question
1:34
is is this the chats that we have seen and of the game uh what our subject
1:41
matter experts experience can bring into the education part or these uh solutions
1:48
that we have seen we have seen I don't know recently you have seen the demos
about uh
1:54
gp40 although we have not test them ourselves but uh the the demos are very
2:01
promising now the question is uh how we can uh bring our uh DNA into this AI uh
2:11
Revolution how we can build on top of it to make something that is uh ours in
2:17
terms of subject matter experts in different verticals and today vertical is education
how our expertise our
2:24
knowledge our background is going to help us to uh L
2:30
this AI Revolution so first we will talk about a

2:36
concept of an agent which we will we think that agent is the solution the AI
2:42
agents are the solutions uh to the customization of AI
2:47
for our needs and we will go further that how agents for Education are working how
2:54
they are uh you know how the building blocks are fit together to build a proper application we will have a demo
3:02
of our tutor application which is AI agent uh that we have built so far then
3:08
we will talk about what types of specialized agents we can think of in
3:13
the area of Education uh we will have a short
3:18
discussion that for what are the differences we have to have in mind for
3:23
different years of education for example early years what's what is the considerations we should have in mind
3:31
and later years of K12 uh what is the difference between two in terms of
3:37
application and considerations we should at last we will talk about next
3:44
steps okay uh personalization dream I believe uh in
3:53
education one of the biggest dreams is that how we can uh have a person
3:59
personalized education for our students uh this is I think it's like a
4:06
Visionary point and we every time and in past we have taken steps toward this
4:12
dream and at the end it looks like by coming of the AI
4:18
and the raise of the AI uh at this stage we are we will I don't say we will
4:24
fulfill this dream but we are able to take a very long long step a very
4:31
successful step towards it and today we want to talk about so what is personalization that we we are talking
4:38
about so me as educator or uh you know
4:43

teacher what I want to do is that first of all the experience of learning that
4:48
is provided to students to be specific to them it has to be related to my
4:55
student with their needs with their tast with their you know know weaknesses and
5:01
uh strengths plus I want to control the contents that is being given to them we
5:08
know that there are millions if not billions of different content pieces out for education or on internet but I want
5:17
as a teacher instructor or you know educational expert I want my student to
5:23
be exposed to uh tailored content to them also I wanted to be the the this
5:32
education or this personalized education to be in my way maybe I have a framework of learning I I will start with examples
5:39
I will first go through the objectives I I will start with assessment first so
5:45
there are different ways that I want to present or personalize education for uh
5:52
my U students and this is where our educational DNA and subject matter EXP
5:59
experts expertise are going to play a role compared to the generic very wide
6:07
uh experience that we see in uh you know applications such as generic chat
6:14
GPT whereas it's like uh a general experience that we say
6:22
say so uh let's see how we can go toward
6:27
this personalization dream in education okay uh our answer which we call it AI
6:36
in my way is Agents uh AI agents so what is AI agents so as I said we have all
6:44
chatted with the with General clients such as chat gbt Gemini for Google
6:51
anthropic or Cloud uh agents I mean
6:56
there are lots of them out there but what how they work they work on gener I
7:01
mean all internet contents they are very wide and they are not focused on what we
7:09

want although they are doing very well uh they are not working on private or
7:15
free defined sort of content that I want them to work on second part is that they are very
7:22
generic uh uh you know chat interfaces you can
7:28
talk to them about uh history you can talk to them about physics you can talk them about fooking
7:35
many things you can talk about but that's not what we are looking for Education we want uh some specialized uh
7:44
uh expertized agents to be only work in the area that we Define we don't want to
7:50
give them a gener our students uh general or sometimes confusing
7:56
experience to to not to do what not to know what what are the next steps and to
8:02
be guided in the pathway of learning that we defined for them also the AI agents have the ability
8:10
to perform task compared to generic chat clients that we see for example uh I
8:17
want uh I want them to build an exam for my students and ask the student to go
8:24
through the exam or assessment and based on the result do something I want them
8:29
to record the fact that a student has come to the system and tried to learn
8:35
something and try to solve some questions and write to report about
8:40
their performance and give it to their uh teacher so these are types of things
8:47
that I make agents different from chatbots so the agents have these three
8:54
pillars if you want to review is that the agent is different from chatbot in these three aspects first of all it
9:00
works on private or predefined set of content it can perform specialized tasks
9:07
and also it has ability to perform task in external
9:12
systems so now let's try to be more specific

9:19
about agents in education so as I said personalized data what I mean by
9:25
personalized data is the information that we have for that a particular
9:30
student when they come to our system we can connect the data to their other
9:36
systems such as lmses their previous exam result their teacher report all
9:42
this sort of information and use that to uh provide or answer the questions they
9:49
are asking based on the feedback that we already have from the student based on
9:54
the information that we have about uh that particular student the second part
10:00
is the educational content so as I said instead of uh accessing whole internet
10:07
contents we maybe as educational company or educational uh Enterprise we have our
10:16
own uh predefined aligned uh curriculum aligned set of content and we want if
10:22
the user is starting to chat with us or interact with our system to just be
10:28
suggested from that part predefined set of content rather than going uh over internet and
10:37
unknown sources to to contribute to our learning experience we want to provide for students and also integrating with
10:44
other learning tools so I want to expand this as I said personalized data of
10:51
students um could be a previous assessment results coming from your LMS
10:56
or if you have an exam system coming from there teacher reports if the teachers are writing reports about
11:04
strength and weaknesses or rooms to improve items of the students when we
11:10
want to provide a chat application to the user we will consider those points
11:15
and reports also for example if you if students have
11:21

some sort of selfes assessment reports or this sort of information we can fetch them in our agents to uh provide a
11:29
better uh and more guided uh experience to the user okay and
11:38
second thing is uh for Content that we want to provide as educational uh
11:44
program to our students uh this is what we call it fashia principles so the all
11:51
contents that we want to give so to to students should follow these principles
11:57
for example they have to be findable and free or accessible whatever they have to
12:02
be organized the the content should be curriculum aligned
12:08
accessible uh control to make sure it fits the the age or the it is
12:14
appropriate for the for the students that are trying to access it should be current instructive and adaptable
12:22
so before these changes that we have seen in AI building such a Content rep
12:29
itory was very expensive and more expensive than that was how to utilize
12:38
this expensive n actually content store of uh learning objects that we create
12:44
and surface it to the user so uh in all experiences that the users will come
12:51
they will have like a search or Discovery capabilities to go through the content they have to know what they are
12:58
looking for or uh being able to drill down to the piece of content that is
13:04
relevant to them and I don't know watch a video or read a chapter of the book or
13:10
something like that now with agents what we want to change here is that we build
13:16
first of all we be we be able to create such content repository which much less
13:23
uh effort plus the ability that if a student comes just through through a
13:29
chat interface to be able to locate and interact with the content that have been
13:35
created for them and the last principle is the tools

13:40
integration so this agents this educational agents that we are talking about they should be able to connect to
13:48
student management system to I don't know record first of all fetch the
13:54
information from there uh or also as the result of interaction record that okay
14:01
this student have interacted with the system like this and this is the report
14:07
of their weakness or strength to be able to connect to LMS as a to act as a you
14:16
know activity tracker or whatever is related to Elms uh being able to connect
14:23
to exam system to on the flight create an exam for a student ask them to
14:28
participate in it and fetch the result or store the result uh in the same way
14:34
if if educational system has a portfolio system about the past uh reports or uh
14:41
assets that have created these are going to help us to uh improve the experience
14:47
that the the student has now uh before we go forward and be more abstract I
14:53
want to walk you through the uh tutor case study that we have so in our
15:00
application for tutor educational system we have uh used open a taxt books they
15:08
are very large books I'm sure uh many of you working
15:13
in uh educational uh sector you're familiar
15:19
with open taxt books they are mostly focused on uh grade 7 to 12 of k12 and
15:26
we have imported those books they are a huge set of assets there are 5,000
15:32
chapters of information imported into the system then our uh educational team had
15:40
selected around 5,000 uh videos uh covering math and physics in YouTube and
15:47
kind of uh endorse them as to be uh suitable uh contents for our students
15:56
and also 30,000 questions from the educational Bank of the question Bank of
16:03

the uh educational uh company that we work
16:10
on uh got imported into the system so first step was to build this content
16:17
repository and by help of AI we had a very limited uh investment in terms of
16:26
tagging or organizing this content we simply imported them into trova which is
16:33
our base knowledge based system
16:39
and here is the outcome for example first of all as I said instead of giving
16:45
the asking the students to go through a search and Discovery interface we are
16:53
providing some sort of a chat interface so will look like this that the students
17:00
will come they will start asking a question to learn about some topic for example the student comes here uh it
17:08
starts from uh asking a question I want to understand basics of integrals the
17:14
system will go through uh all of the book chapters and the videos and the
17:20
questions that we have and creates a lesson plan here the interesting part is
17:25
the lesson plan that system provides is based on the model that the customer wants for example they want to start
17:32
with objectives then the description of the content and at the end some real
17:37
world applications of this uh concept also in the same time we want to have
17:44
some sort of a a direct link to uh sources that we have for example
17:52
on the right hand side you can see the source material uh that is
17:57
available so just Sor for that so after this when the student reads this uh it
18:04
suggests some some extra components for example the system asked the student do
18:10
you want to watch uh another video or some some videos to understand the
18:16
concept and basically for example that the student responds yes please show me
18:22

a video it's it's it's great to see that and the the video is now pulled off the
18:31
content repository that we have and simply the user can uh interact with
18:37
this video so here we have the video but please consider that any uh other
18:43
learning object can also be used here for example interactive elements you
18:49
know if you're doing math uh some sort of h5p or uh the the cookbooks of uh
18:59
all the learn I mean learning AIDs that is possible to to to be performed it
19:05
could be like interactive Dragon drop elements or uh all all the interactions
19:11
that you you can have uh with learning objects now the the agent is now
19:18
suggesting the user uh do you want to have uh quick quiz to perform the
19:25
evaluation now as you can see it's provid fing a a question uh and the once
19:34
the user answer it's a multichoice question as I said uh it's uh it tries
19:41
to explain why the answer is correct or incorrect and it continues to uh uh take
19:48
the student in this journey with itself now consider we are currently working as
19:54
I said that uh out of this evaluation for example example to be performed in
20:00
the exam system that the customer has so here through our agents we connect to
20:06
the exam system based on the interaction that user had so far with us prepare an
20:12
exam out of the questions that we have in the question bank and then Port the
20:17
user to that uh uh actually uh Port the user to the
20:24
external system to perform and then fetch the results back this is something that is uh really in progress uh at the
20:33
moment uh yep so that was the the
20:39
one like a glimpse to our tutor application that is basically
20:46
uh teaching agents I will talk to you about what what a what other agents we

20:52
are going to add to this system okay so before we go forward I want to to
20:59
outline how this ecosystem of things are working in the middle you have our agent
21:07
which is uh uh an AI agent that works uh closely
21:15
with large language models in this example that you have seen we are connected to uh open AI L gp4 engine but
21:26
basically we are not directly exposing that to the users this the that's our
21:32
agent that sits between the all the building blocks of the uh system that we
21:38
have the agent will fetch the information and locates the content the
21:43
content store and data stores that we have also the agent is the one that actually chats with the user and if the
21:51
user ask a generic question that is not related to the uh educational uh
21:59
purpose of the agent it will say sorry I cannot help you they cannot ask I don't know a question about cooking if it is
22:06
not part of your curriculum uh with the help of llms uh
22:12
it uh loads the from the user query it loads the relevant content and based on
22:19
that relevant content or uh relevant data that could be fetched from external
22:24
system as I said LMS or portfolio system all of these information are combined
22:30
together and build the basis to answer the user queries and uh reply to
22:38
them so that's the basic way that it works there are some some important
22:43
parts that I want to highlight here first of all user is not directly talking to chat GPT it goes through our
22:51
AI agents the agent is building up its own knowledge and memory before
22:56
answering the user or B based on the question of the user first this memory based on your content store or your data
23:04

store is built and sometimes it's fetched from the external system okay I
23:09
don't know ason has came can you give me the latest report of the physics for him
23:15
or from the reports that we have for him he's asking a question about integrals
23:20
can you fetch any report that tells me that as on uh competency in I don't know
23:31
integrals session how how it looks and what is the report from the teacher and based on that it starts to respond to
23:39
the user and at the end if it is required it
23:44
makes API calls to external systems to make a 360 experience for the
23:54
user uh what you just saw in the demo was uh tutoring agents so as I said
24:03
these tutoring agents first of all you can create a framework of for it for example instead of a generic uh answer
24:10
it has a framework of answer for example if you want to teach a concept to the student start with Basics then explain
24:19
the subject then add uh for example real
24:24
word uh applications and then and give them a small qu so this is the framework
24:31
we can customize this is your my way as I said of teaching you can uh adopt your
24:38
agent to present the information to the user in the way that you have or your
24:44
framework of teaching is defined it uh in addition to uh that part uh
24:54
what I want to highlight here is what types of Agents we can also have in
24:59
terms of expertise that they have we can have an agent just dedicated for problem
25:05
solving so the user comes in they take a photo of their uh the question they have
25:15
they were trying to solve and then it actually instead of giving them the
25:21
answer it will try to step by step explain the the the the question this is
25:27

something that that we have already worked on the teaching one you almost saw it then we have I don't know writing
25:34
assistant agent it means help the student to write an essay instead of
25:40
writing it for it tries to give them some points or small suggestion rather
25:46
than writing it for them to improve their ability uh even it could be not related
25:52
to um to the curriculum sometimes it could be stress or relief management or
25:58
mindfulness so if the student comes with some sort of a stress uh or anxiety it
26:05
keeps them calm based on the content that you already have provided okay listen to this music try brething if it
26:13
is like before your exam please do these exercises to be calmed down this kind of
26:19
creates a bunch of uh uh interconnected agents that the
26:27
user will not understand that they are talking to which one but uh based on the
26:34
questions and chats that they have it will seamlessly bring the user to the
26:40
areas that we want okay just before we go forward I
26:48
just want to highlight there are some considerations about early years of K12
26:54
so mostly if you are working with early years of uh education uh we need some building elements for
27:01
example speech to text and text to speech elements are out there because maybe the students on grade one or grade
27:07
two they are not able to type or uh you know they do not have literacy at the
27:13
moment literacy skills at the moment but with text to speech and a speech to text it will be much much more much more
27:20
easier also it's possible instead of focusing on written uh text uh we uh
27:28
output some uh clickable or interaction cards to the user in course of their
27:34

chatting so their chatting starts with talking about something then if they want to select between multiple things
27:40
instead of reading we we we output uh interaction card that they can click on
27:47
it and it will it even can help uh the students without literacy skills to
27:54
interact with the system and that's very very interesting so uh as I said for earli years uh the
28:03
overall system will remain the same but some sort of a text to speech and speech to text element will come to the picture
28:11
to allow much easier interaction with the system so we are almost uh finished our
28:20
30 minutes time I will be quick so how trb can help here trb is our platform as
28:26
I said is an AI Knowledge Management System so as you saw what we did we were
28:32
simply importing uh with the with the ease we imported all of the contents
28:40
that you saw there within like a very short period of time it uh builds uh tra provides
28:47
foundations of AI services for example it provides us with chats neural search
28:52
content schema seamless importing these are the basic and very crucial services
28:58
that tro provides and on top of that we have built uh small agents as I said so the
29:06
agents will be very quick to build and could be very tailored can be tailored
29:11
very quickly so I suggest that you go and register with
29:17
INB import your content and start to chat with it and if you're happy with it
29:22
contact us that we can build specific agents and behavior on top of that for you
29:29
uh what is the next step first of all we are more than happy to consult uh with
29:35
you if you're working on education sector uh and uh provide some
29:40
suggestions for uh customized AI solutions for you please go and register
29:46
in TR that TR them and also if you're interested feel free to book a meeting

29:51
through our website or just sending an email to me uh thank you very much as I
29:57
said I'm a son and this is my email address if there is any questions please
30:04
feel free to ask and if you want to be part of the panelist and ask yourself
30:11
please uh uh please uh raise your hand and you
30:19
will be invited to the panelist uh we have one question here can the can your
30:25
product uh be integ with existing platform yes that's the whole purpose of
30:32
the agents that I said the agents are the ones that get integrated with
30:38
existing platforms uh we have the experience of exp integrating with open edex before
30:46
also we had uh one experience of integrating with through API as soon as
30:52
your existing system provides an API uh integration will be very quick and fast
31:00
and going forward we are making them like plugins so doesn't need any development so you can only
31:07
configure and access that

2- troweb for Education
LINK: https://youtu.be/Odsi9BSxIaU?si=0gXWTp5Kh7IVlYjW
Description: Jun 2, 2024
In this video we will be presenting a demo scenario that how troweb has brought AI capabilities to education sector. This video is a good example of agentic behavior over troweb platform.
Transcript: 0:01
hi all I'm here to present how AI can
0:03
act as mentor and helper in education we
0:05
all know that discovering and
0:06
recommending proper content to student
0:08
is a challenge you've seen many
0:10

educational solutions by generative AI
0:13
what they lack is the ability to
0:14
recommend content from approved or
0:16
prepared content for students more
0:18
importantly it is crucial that
0:20
background of students to be considered
0:22
in the recommendation and tutoring here
0:24
we have provided a system that works on
0:26
managed knowledge base and can act as a
0:28
tutor for students
0:30
in order to demonstrate the extensive
0:32
potential of tutoring utilizing the
0:34
advanced power of AI we meticulously
0:37
prepared a comprehensive repository
0:39
packed with an array of educational
0:40
assets it contains 5,000 book chapters
0:43
utilizing open stack books 4,000 YouTube
0:46
video links and descriptions and 40,000
0:49
multi-choice questions all necessary
0:52
ingredients of an effective and well
0:53
structured educational tutoring system
0:55
are fully prepared and ready to deliver
0:57

top-notch quality and comprehens of
1:00
learning
1:02
experiences in this video we are
1:04
presenting our tutor application demo
1:07
this application is a smart agent to act
1:09
as the mentor on the educational assets
1:11
crafted for students student will start
1:14
to ask a question or intention to learn
1:16
any Topic in the curriculum as chat
1:19
interaction here the user wants to learn
1:21
about basic of integrals the system will
1:24
create a learning plan based on the
1:26
predefined database of educational
1:27
assets with link to the asset for full
1:30
reading it asks for some personalization
1:33
questions that can be also fetched from
1:34
back office systems it breaks down the
1:37
concepts into digestible bites for the
1:39
user also it is capable of restructuring
1:41
the underlying content into standard
1:43
structure for example it can add
1:46
objectives and real life examples for
1:48

better understanding this behavior is
1:50
fully customizable for the students the
1:53
system is also capable of continue to
1:55
interact with user to provide other
1:58
related learning objects such as video
2:00
for example here user asks for a suing
2:03
video content and fully related video is
2:06
displayed in the same flow to the user
2:08
please note that here the database has
2:10
not gone through expensive manual
2:11
tagging process just the content and
2:14
description are enough here to help the
2:15
system to find the relation to the topic
2:17
and suggest it to the user here the
2:20
video is the example of various types of
2:22
supporting learning objects that can be
2:24
presented to user assessments and
2:27
questions are one of the most important
2:28
learning objects that a user needs to
2:30
take in course of their Learning Journey
2:33
now the user can start to answer some
2:35
questions to assess their understanding
2:36

of the topic here the agent asks
2:39
questions one by one but there is
2:40
capability to connect the agent to
2:42
backend exam system and run a
2:44
personalized assessment for the user in
2:46
order to keep the data in back office
2:48
systems user can answer the question and
2:51
based on their response it is possible
2:53
to further expand the course or zoom in
2:55
to fill the knowledge gaps of the user
2:57
the assessment can act as closing Loop
3:00
instrument to provide fully personalized
3:02
learning experience to students this was
3:04
a demo of an agent that tried to teach a
3:07
topic of interest to user the experience
3:09
of this agent can be improved
3:11
significantly if other sources of
3:13
information be provided to the agent
3:15
such as teacher reports previous exam
3:17
results upcoming exams calendar or any
3:20
other valuable Source now let's have a
3:22
look to see what are other options for
3:24

educational aib based
3:27
applications in addition to what you saw
3:30
various type of intelligent agents can
3:32
be developed to help the students the
3:34
user will not distinguish between such
3:36
agents but as the chatting session goes
3:38
on one of the agents will kick in to
3:40
drive the conversation with the user
3:43
tutoring agent as you saw is an agent
3:45
that will try to explain and present
3:47
Concepts to students study planner agent
3:49
can help student to build a study plan
3:52
sync it with their calendar build to-do
3:54
lists send reminders and help students
3:57
to organize their learning activities
3:58
for long-term
4:00
objectives troubleshooting agent can be
4:02
used to answer students questions and
4:04
help them this agent can be multimodal
4:07
and accept handwritten images from
4:09
students in order to start the
4:13
interaction thanks for watching the
4:14

video we and TR web are more than happy
4:17
to consult and build applications
4:19
crafted for your special needs please
4:21
feel free to contact us and have a short
4:23
Chat

3- AI Revolution in Business
LINK: https://youtu.be/LqBu3mYSlYQ?si=eJfYaTtJ9pNypKTh
Description: May 27, 2024
How troweb can help enterprises to join AI revolution
Transcript: 0:01
in today's fast-paced business World
0:03
Enterprises face numerous challenges
0:06
inefficient processes data silos and the
0:09
constant struggle to keep up with
0:10
technological change but what if there
0:13
was a way to overcome these obstacles
0:15
and unlock new levels of performance
0:17
enter the AI revolution in
0:20
business the question isn't whether AI
0:22
will be integral to business strategies
0:25
but how swiftly Enterprises can adapt to
0:27
embrace these transformative
0:28
Technologies
0:30
at Tru web we believe that the faster
0:32
you adopt AI the greater your

0:34
competitive Advantage will
0:36
be we recognize the concerns surrounding
0:39
Ai and its impact on the workforce our
0:42
AI Solutions are designed to empower
0:43
your employees not replace them by
0:45
automating repetitive tasks and
0:47
providing valuable insights AI enables
0:50
your team to focus on more strategic and
0:52
creative
0:53
tasks at Tru web we also understand that
0:56
security and data confidentiality are
0:59
top priorities for our clients that's
1:01
why our AI Solutions are built with
1:03
robust security measures ensuring that
1:05
your sensitive information remains
1:07
protected don't get left behind in the
1:09
AI Revolution schedule a meeting with us
1:12
to discover how trood can help you
1:14
unlock the full potential of AI for your
1:16
Enterprise while prioritizing security
1:18
and empowering your
1:20
employees take the first step towards

1:22
transforming your business today and
1:23
stay ahead of the Curve

4- Get to Know troweb
LINK: https://youtu.be/pa9OxTrHNlk?si=BlzrdnKDn4vTrWKt
Description: Dec 26, 2023
Discover and Deliver Your Content with Al
Transcript: 0:00
up until now if you wanted to build a
0:02
content-based service such as an
0:04
academic repository or music streaming
0:07
or a tourism application you would have
0:09
two options either try to find an
0:11
existing solution or get a developer to
0:14
write an application for you the first
0:16
one is usually restrictive and you would
0:18
have to foro parts of your content to
0:20
fit in the second one could be expensive
0:23
and timec consuming now there's a new
0:25
Option troweb is a modern
0:28
infrastructure for content-based
0:30
applications everything starts with a
0:32
schema which defines structure of
0:34
content with a comprehensive list of
0:36
field types and validation rules
0:38

virtually all kinds of content can be
0:40
introduced tags may be used to enable
0:43
discovery of content collections will
0:45
let you apply a reliable access
0:47
management mappers will help import of
0:50
content from other applications you
0:52
could use the basic user interface to
0:54
show content or use a drag and drop
0:57
facility to rearrange how content is
0:59
displayed in in a few minutes your
1:01
application is ready to accept and
1:03
display content troweb is strong
1:05
because of its growing ecosystem the
1:07
developer Community is always adding to
1:10
our infrastructure a variety of pre-made
1:13
schemas are available to choose from uiu
1:16
exes for some popular applications
1:18
reduce the time to create attractive
1:20
user interfaces a variety of plugins to
1:24
add and enhance your application last
1:26
but not least troab is API first it is
1:30
built for Builders they will use the
1:33

infrastructure to build your custom-made
1:35
application so no matter how casual or
1:38
of an expert developer you are no matter
1:41
how simple or complex your content is
1:44
and no matter how special Your solution
1:46
is troweb is
1:55
ready troweb liberating content world