



Interview with Wikitudo!

We at [Wikitudo](#) interviewed our very own Wolfgang Damm, to get the full facts and information about the new beta developer kit for building ARchitect creations in Augmented Reality with Wikitudo

So, if you enjoy discovering the world around you with Wikitudo and want to create amazing Augmented Reality Worlds that blow your mind, then let us introduce you to Wolfgang Damm, Wikitudo's Chief ARchitect to find out about the ARchitect Beta from Wikitudo!



So Wolfgang, tell us, what is ARchitect?

Currently available for the Android platform, ARchitect is a brand new developer kit from Wikitudo for an open, flexible and powerful tool for creating Augmented Reality content by using common web technologies.

How did ARchitect come about?

The idea for ARchitect was born out of the need for a more dynamic Augmented Reality experience. With the Wikitudo World Browser we only showed static information but we always felt that this was only the beginning and that Augmented Reality should be even more engaging! Right from the start we've been an open company and provide

content partners with the right tools to help them leverage Augmented Reality for their businesses. Therefore it was clear that we needed to build something everyone can develop for and we needed something that is easy yet powerful and built on something everyone knows. This was my starting point and from there I started to explore different methods to see what could be achieved with the help of modern smartphone Operating Systems. When it became clear that HTML5, Javascript and CSS could be used as a developer language to create Augmented Reality experiences the whole team got really excited. Once you get your head around the basic principle of ARchitect you'll find it's just a website in front of the Augmented Reality view and it is just like developing a normal web app but with amazing results.

So what can developers really do with ARchitect?

With ARchitect developers can create Worlds based on standards and technology trusted by billions of websites like HTML, CSS and JavaScript. They are able to control their Augmented Reality window and decide how and what the users can see.

Developers can build powerful Worlds as soon as they have downloaded the ARchitect Developer Kit. ARchitect's advanced features open unlimited possibilities with interaction, animations and media playback.

Wolfgang, hit us with the real details!

Well, Wikitude ARchitect is an Augmented Reality JavaScript Framework, embedded in a HTML web view which sits on top of the Wikitude camera view and allows you to control the objects in the camera view. With ARchitect, you can define GeoObjects which have one or more geo locations and Drawables which visualize them in the camera view. A Field of Vision trigger for example lets you react if a GeoObject is entering or leaving the field of vision of the user and is a unique feature you can't find in comparable solutions. And this is not all! ARchitect also supports property animations which allow you to animate your content and it benefits from the wide support of multimedia formats. Images of any format and size, as well as text can be displayed via Drawables. Audio files can be played back and video files can be played in the native player of the Smartphone.

What's needed to get developing?

For ARchitect Beta, developers will need a solid editor or IDE for web development, a webserver or access to a web-based file hosting service like Dropbox, and an Android phone running on at least Android 2.2.

How can developers get hold of the Beta ARchitect?

All developers need to do is [register with us](#) and download the ARchitect Developer Kit (ADK) which is filled with information and specifications which will help them on their way to creating their very own AR experience.

So I've signed up, downloaded the ADK, and I am ready to go?

Yes you are! Be an ARchitect and build your new powerful World in Augmented Reality. Oh be sure to send us some feedback, we'd love to know how you are getting on and what you think.

What if I need a bit of help, are there tutorials and support?

Of course, in the ADK you'll find videos and tutorials to get you going and to help you on your way. Need some extra support, contact us!

When will the full ARchitect Developer Kit be available?

We are working on the final aspects and taking on comments and feedback from the Beta version to ensure that we put together a great ADK. At the moment the ADK is available for Android phones and we are working to get a Beta iOS version ready for the end of the year. The full ADK as well as integration in Wikitude World Browser for Android and iOS will be available soon.

I've creating something pretty fantastic with ARchitect!

Great news! Share it with us at architect@wikitude.com, we'd love to see the Worlds you have created with Wikitude ARchitect.