



Document - CS257684

Document Information

Type	Article
Date Created	30-Mar-2017
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Other Versions Available	 Simplified Chinese

Document Details

Title	About Augmented Reality and ThingMark publishing capabilities starting in Creo Parametric 4.0 M010
Description	<ul style="list-style-type: none"> About Augmented Reality and ThingMark publishing capabilities starting in Creo Parametric 4.0 M010 How to quickly publish augmented reality experiences from Creo for use with the ThingWorx View app
Applies To	<ul style="list-style-type: none"> Creo Parametric Creo 4.0 M010 ThingWorx View app on on Apple iTunes store, Android Google Play store, and Microsoft Store
Cause	
Resolution	<ul style="list-style-type: none"> Starting in Creo Parametric 4.0 M010 it is possible to publish an out of the box augmented reality experience of any CAD model for free Workflow <ol style="list-style-type: none"> Open a model in Creo Parametric M010 or later Select Tools > Add ThingMark from the Augmented Reality group Place the ThingMark as desired <ul style="list-style-type: none"> On Floor <ul style="list-style-type: none"> Use model orientations (Front, Top, Right, etc.) On Model <ul style="list-style-type: none"> Attach to some model reference and define Side ref1 and Side ref2 Advanced <ul style="list-style-type: none"> Place manually with Creo constraints or place using a Component Interface Note: the scale of the ThingMark will determine how large the model appears in the augmented reality experience Select the ThingMark from the Footer in the model tree Select Publish Model from the Augmented Reality group in the ribbon under the Tools tab <ul style="list-style-type: none"> Enter a unique Model Name when publishing to avoid undesired overwriting of an experience with the same name Set the Viewable quality as desired (Low, Medium, High) > click OK <ul style="list-style-type: none"> The first time you publish a model you will have to enter your PTC.com account credentials Higher Viewable quality takes longer to publish, and downloads more data during the AR experience using the Thingworx View app A message appears stating <ul style="list-style-type: none"> <i>Publish Succeeded. Publishing of Augmented Reality Experience Model is successful</i> Click Close Click Print ThingMark or Share ThingMark to either print or send an email to share your ThingMark image with others Open the ThingWorx View app and scan your ThingMark to access the experiences associated with that ThingMark <ul style="list-style-type: none"> ThingWorx View app on Apple iOS iTunes store ThingWorx View app on Android Google Play store ThingWorx View app on Microsoft Store (Windows 10) Each experience allows the user to Zoom/Scale, Rotate (about Y axis of default CSYS), and set Transparency

	<ul style="list-style-type: none"> • Config.pro options <ul style="list-style-type: none"> • ar_publish <ul style="list-style-type: none"> • default value is yes; no will gray out the command (in case admins want to disable this functionality through config.sup) • ar_server <ul style="list-style-type: none"> • can be used to point Creo to user's personal experience server • Details <ul style="list-style-type: none"> • A unique ThingMark will be generated for the user upon their first publishing • Each user can have 5 experiences published at any time <ul style="list-style-type: none"> • Publishing the next experience will replace the oldest experience published from that account • Publishing another experience with the same name will replace the original • Each experience has a 6 month shelf life and will expire after that • Each experience the user publishes is tied to their unique ThingMark • Sharing your ThingMark with others will give them access to any experience currently published • There are no options to manage the published experiences • ThingWorx Studio allows for more control and customization (such as publishing explode states, cross sections, animations, etc.) <ul style="list-style-type: none"> • eSupport: ThingWorx Studio product tab • Community: ThingWorx Studio Community
Related	<ul style="list-style-type: none"> • Which new capabilities or enhancements are planned for Creo Parametric 4.0 M010 and M020 • Creo Parametric 4.0 M010 exits when attempting to resume a Thingmark in a generic when the Thingmark was placed in one of the generic's instances

SPR Information

Related Documents

Type	Number	Status	Description
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