

# Documentum releases REST resources

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This is abstract from my blog at: <https://apicorner.wordpress.com/2013/07/16/documentum-releases-rest-resources/>

Documentum released recently it's latest API – REST resources. Now in addition to the DFS and CMIS you have a chance to use latest in web trends – interact with Documentum repository via its set of REST resources.

This was a long-time coming. Four years ago we took a first stab at doing REST, but that attempt kind of died at a Beta stage. Since then we re-architected, re-designed and re-implemented it. We tried to follow [REST architecture](#) and hopefully we did a decent job. It's not easy to follow REST – as there are many areas where REST is rather vague and leaves a lot of wiggle room. There are areas where REST is very easy, but wherever it is vague, it opens up various possibilities and many ways to design.

So far we created many resources but many more will be coming in subsequent releases. I'll try to add more posts to address some specific areas, but with vacations coming up that may need to wait a bit. If there are specific questions I will get I will try to address them first.

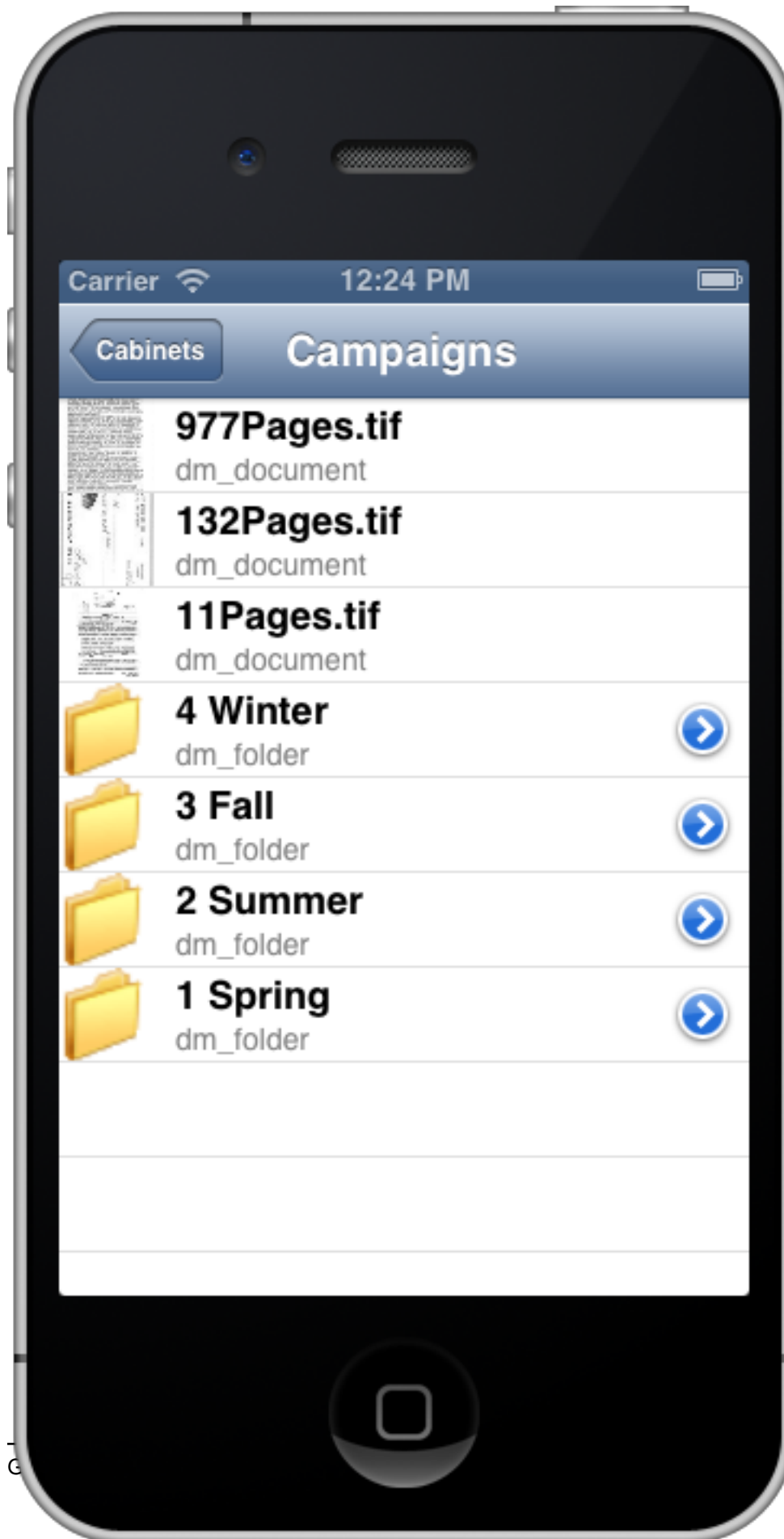
To help you guys get your hands-on experience with our REST, I've also included a small demo – Xcode project that creates [iOS](#) app – simple repository browser. You can download it, point it at your deployed REST war file and take it for a spin. I created it with Xcode 4.6.2 and my Mac is currently running 10.7.5 – hopefully it will work in your environment.

Also, please checkout Jonathan's blog on using our REST [here](#)

About the app – it is a small app that allows you to browse Documentum repository – starting at cabinets, then down to folders/objects. It also allows you to preview objects and do simple search – that is all. It should be self contained and I do hope that it will give you a chance to get some traction if you'd like to play with our REST resources.

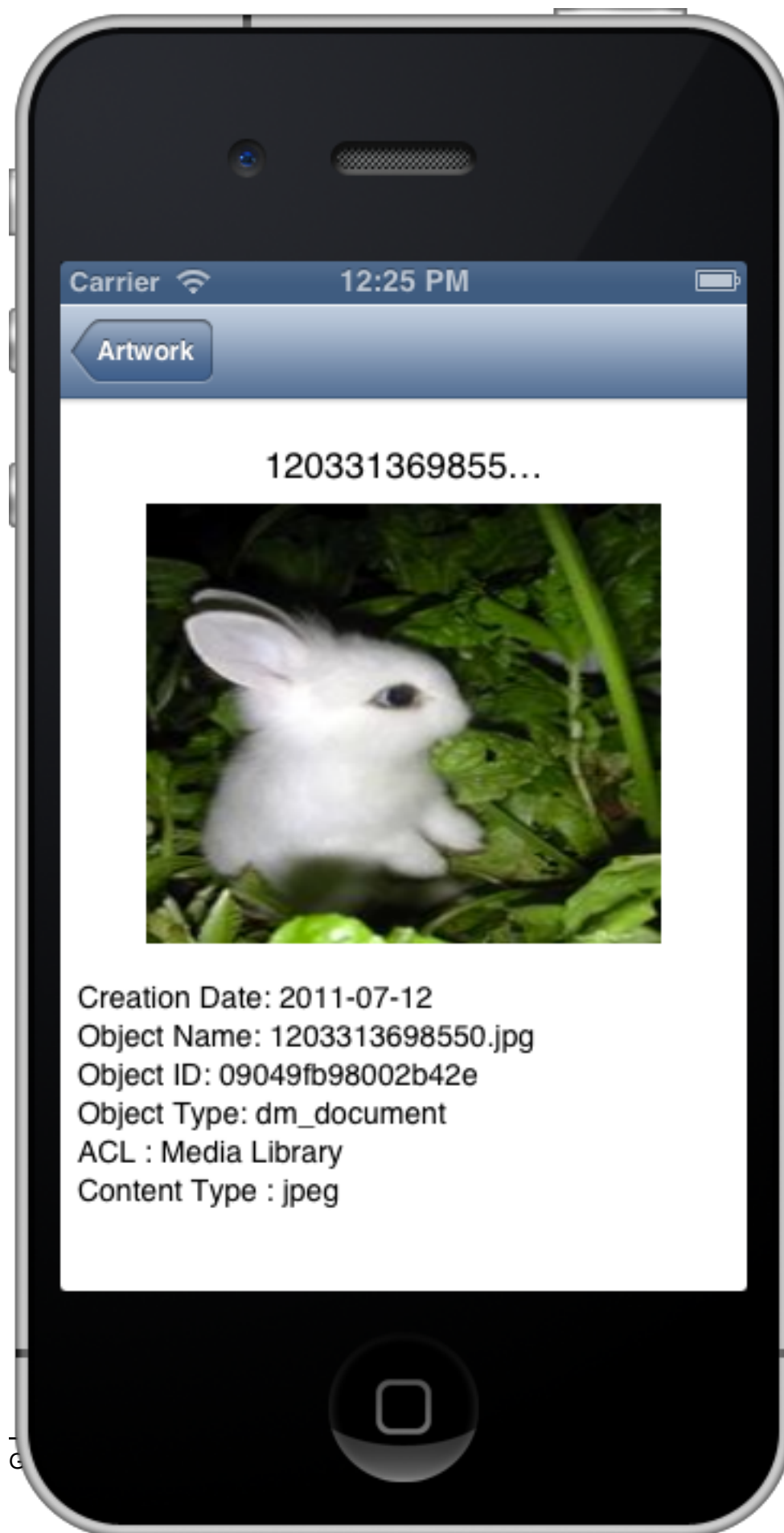
See below few screenshots of the running app:

Folder View:



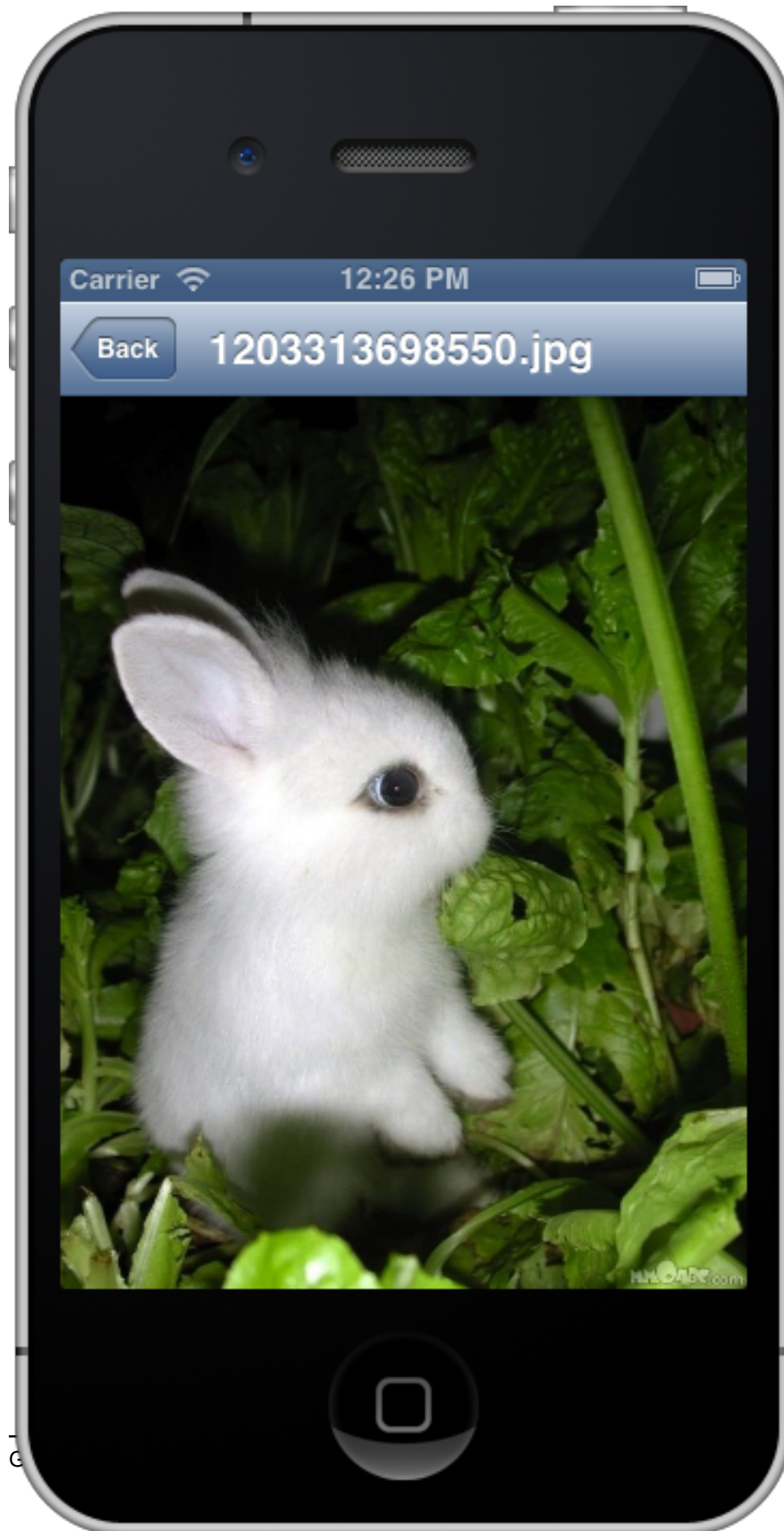
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Asset Details View:



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and Asset Preview:



Note, before you flame me, that REST is all about link discovery (perhaps I'll cover it in another blog), and I took a shortcut of going directly into Cabinets resource, rather than starting from Services (home) resource – but I wanted to minimize number of controllers I have to create and still get you guys up and running quickly.

To get the app running you'll need to edit MyConstants.m class and set four constants there to the appropriate values in your environment – again – I wanted to minimize coding and chose to hardcode some values rather than asking user explicitly for inputs.

To get the full benefit of the app ideally you should have CTS configured (and Thumbnail Server) as then the app will pull thumbnails and other renditions and make the UI nice and sleek. It will still work without renditions but then it will default to using embedded icons rather than real stuff.

Also note that there is one configuration of REST you may want to do as well – OOTB collections don't include link relation to the “icon” for each entry, and you can enable it by editing **rest-api-runtime.properties** file and uncomment *rest.entry.thumbnail.default* and set it to **true** – this way each entry in the collection will get link relation to the available thumbnail, and the app will leverage it. You'll find that file under **WEB-INF/classes** (on your app server where you deployed REST war) – in the same folder where you'll need to adjust your **dfc.properties** file.

To see the screenshots or to download entire Xcode project, please go to my blog: [Documentum releases REST resources | Architecture, programming and APIs](#),

I also attached my Xcode project to this abstract.

Cheers,

Derek