New in this version:

This new version is built for use in Cloudant. The utilization has been separated to a new collection (moved from User) and date has been converted to Epoch Time.

**Users:**

There is a full text index search for users, which allows you to search by field name.

There is also a custom view to display the vacations.

{

\_id: ObjectID("nghi@us.ibm.com"),

dob: ISODate("1950-09-24"),

uid: "4G6108897",

notesid: "Nghi D Ho/Raleigh/IBM",

cc: "us",

fname: "Nghi",

lname: "Ho",

email: "nghi@us.ibm.com",

employee\_type: "Regular",

job\_title: "Architect",

status: "Active",

role: “User",

isManager: “No”,

phone\_number: “777-777-7777”,

vacations: [

{

start\_date: 12367128376

end\_date: 12376541234,

location: "US",

justification: "Need to refresh myself.”

contact\_info: “john.smith@gmail.com“,

},

{

start\_date: 123456123721

end\_date: 1234561265423

location: "US",

justification: "Need to refresh myself a bit more.”,

contact\_info: “[name@yahoo.com](mailto:name@yahoo.com)”

}

],

skills: [

{

#id: “558da3ebe4b0cfb129e126b5”

#name: “JavaScript",

#category\_id: “558da3ebe4b0cfb129e126b5”,

#proficiency: [

{rating: “4”, date: 1439405362}

]

},

{

id: 558da3ebe4b0cfb129e126b5,

name: “NodeJS",

category\_id: “558da3ebe4b0cfb129e126b5”,

proficiency: [

{rating: “4”, date: 1439405362}

]

}

],

created\_by : “hyayi@us.ibm.com”,

created\_date : 1432069750000,

modified\_date : 1437340150000 ,

modified\_by : “hyayi@us.ibm.com”

}

**Utilizations:**

{

\_id:”558da3ebe4b0cfb129e126b5”

user\_id: “nghi@us.ibm.com” ,

projects:

[

{

proj\_id: “44ef0b9ac101c417d7cae2e7e35fef4c”,

name: “Big Blue Queue”,

status: “Active New Development”,

utilization:[

{

start\_date: 1439405362,

end\_date: 1439405362,

percentage: 70

},

{

start\_date: 1439405362,

end\_date: 1439405362,

percentage: 35

},

]

},

{

proj\_id: “23ef0b9ac101c417d7cae2e7e35fef4d”,

name: “Operational Insights”,

status: “Active New Developlment”,

utilization:[

{

start\_date: 1439405362,

end\_date: 1439405362,

percentage: 30

},

{

start\_date: 1439405362,

end\_date: 1439405362,

percentage: 65

},

]

}

]

}

**Projects:**

There is a full text index search for projects, which allows you to search by field name.

{

\_id: ObjectID("PRJ1"),

name: "Big Blue Queue",

description: "BBQ provides an intelligent routing and distribution system for workflow activities within IBM. Approval activities of BBQ adopters can be sent to a central queue and distributed to the approver via eMail, Web or Mobile channels to streamline and improve the efficiency of this workflow globally. ",

IPT\_record: "https://cfweb.rochny.ibm.com/ptd/projmain?ptdpage=detail&applid=IPT-000002119",

status: "Active New Development",

process: "Innovation",

geo: "WW",

technical\_leads: [

{

id: ObjectID("nghi@us.ibm.com"),

uid: "4G6108897",

notesid: "Nghi D Ho/Raleigh/IBM",

cc: "us",

fname: "Nghi",

lname: “Ho",

email: "nghi@us.ibm.com",

job\_role: “Architect”

}

],

project\_managers: [

{

id: ObjectID("nghi@us.ibm.com"),

uid: "4G6108897",

notesid: "Nghi D Ho/Raleigh/IBM",

cc: "us",

fname: "Nghi",

lname: “Ho",

email: "nghi@us.ibm.com",

job\_role: "Project Manager",

}

],

deliverable: {

estimate: ISODate("2015-12-24"),

agreed: ISODate("2015-12-24"),

}

team: [

{

id: ObjectID("nghi@us.ibm.com"),

uid: "4G6108897",

job\_role: "Architect",

notesid: "Nghi D Ho/Raleigh/IBM",

cc: "us",

fname: "Nghi",

lname: “Ho”,

email: “nghi@us.ibm.com,

utilization: 30

},

{

id: ObjectID("carlos@us.ibm.com"),

uid: "C-H8DH897",

job\_role: "Developer",

notesid: "Carlos Garcia/Raleigh/Contr/IBM",

cc: "us",

fname: "Carlos",

lname: "Garcia",

email: “cgarcia1@us.ibm.com",

utilization: 50

}

],

created\_by : “hyayi@us.ibm.com”,

created\_date : 1432069750000,

modified\_date : 1437340150000 ,

modified\_by : “hyayi@us.ibm.com”

}

**Skills**

There is a full text index search for skills, which allows you to search by field name.

{

\_id: ObjectID("SKIL1"),

name: "AngularJS",

category: "Web development”,

category\_id: ObjectID(“hcxzjciSCH13cac”),

description: “AngularJS is JavaScript based framework…”,

people\_count: 10,

created\_by : “hyayi@us.ibm.com”,

created\_date : 1432069750000,

modified\_date : 1437340150000 ,

modified\_by : “hyayi@us.ibm.com”

}

**Roles**

There is a full text index search for roles, which allows you to search by field name.

{

\_id: ObjectID("ROLE1"),

name: "Admin",

description: "Super user"

}

{

\_id: ObjectID("ROLE2"),

name: "User",

description: "Normal user"

}

{

\_id: ObjectID("ROLE3"),

name: "Viewer",

description: "Viewer"

}

**Employee\_Type**

There is a full text index search for employee\_type, which allows you to search by field name.

{

\_id: ObjectID("ET1"),

name: "Regular",

desc: "Regular IBM employee."

}

{

\_id: ObjectID("ET2"),

name: "Fixed Term Hired",

description: "Fixed Term Hired"

}

{

\_id: ObjectID("ET3"),

name: "Vendor",

description: "Contractor"

}

**Employee\_Status**

There is a full text index search for employee\_status, which allows you to search by field name.

{

\_id: ObjectID("ES1"),

name: "Active",

description: "Active"

}

{

\_id: ObjectID("ES2"),

name: "Inactive",

description: "Inactive"

}

**Project\_Status**

There is a full text index search for project\_status, which allows you to search by field name.

{

\_id: ObjectID("PS1"),

name: "Active New Development",

description: "Active New Development"

}

{

\_id: ObjectID("PS2"),

name: "Active Ongoing Support",

description: "Active Ongoing Support"

}

{

\_id: ObjectID("PS3"),

name: "LCM",

description: "Life Cycle Management"

}

**Project\_Geo**

There is a full text index search for project\_geo, which allows you to search by field name.

{

\_id: ObjectID("PG1"),

name: "World Wide",

description: "WW"

}

{

\_id: ObjectID("PG2"),

name: "Asia Pacific",

description: "AP"

}

{

\_id: ObjectID("PG3"),

name: "Europe",

description: "EU"

}

{

\_id: ObjectID("PG4"),

name: "Americas Group",

description: "AG"

}

**Project\_Process:**

There is a full text index search for project\_process, which allows you to search by field name.

{

\_id: ObjectID("PP1"),

name: "Accounts Receivable",

description: "Accounts Receivable"

}

{

\_id: ObjectID("PP2"),

name: "BPSO",

description: "BPSO"

}

{

\_id: ObjectID("PP3"),

name: "Client Relationship",

description: "Client Relationship"

}

{

\_id: ObjectID("PP4"),

name: "CMR",

description: "CMR"

}

{

\_id: ObjectID("PP5"),

name: "Cross Brand",

description: "Cross Brand"

}

{

\_id: ObjectID("PP6"),

name: "Cross Process",

description: "Cross Process"

}

{

\_id: ObjectID("PP7"),

name: "Infrastructure",

description: "Infrastructure"

}

{

\_id: ObjectID("PP8"),

name: "Hardware",

description: "Hardware"

}

{

\_id: ObjectID("PP9"),

name: "Software",

description: "Software"

}

{

\_id: ObjectID("PP10"),

name: "Service",

description: "Service"

}

{

\_id: ObjectID("PP11"),

name: "Invoicing",

description: "Invoicing"

}

**Job\_roles**

There is a full text index search for job\_roles, which allows you to search by field name.

{

\_id: ObjectID("JB1"),

name: "Architect",

description: "Architect"

}

{

\_id: ObjectID("JB2"),

name: "Developer",

description: "Developer"

}

**newsfeed**

There is a full text index search for newsfeed, which allows you to search by field name.

There is also a view “newsfeeds” created for retrieving newsfeeds

{

\_id: ObjectID("NWSFD1"),

content: "XXXXXXXX",

start\_date: 1432069750000,

end\_date : 1440018550000,

created\_by : “hyayi@us.ibm.com”,

created\_date : 1432069750000,

modified\_date : 1437340150000 ,

modified\_by : “hyayi@us.ibm.com”

}

**categories**

There is a full text index search for categories, which allows you to search by field name.

{

\_id: ObjectID("CTG1"),

name: "Databases",

description : “Databases”

}

**login\_token**

The login\_token database stores each user's latest login token. Each user will only ever have a single document. Therefore, if a user is issued a new login token, the previous token is invalidated. The schema is below:

{

"\_id": {String},

"\_rev": {String},

"expries": {Date.toString()},

"token": {String},

"user\_id": {String}

}

An example document is below:

{

"\_id": "11d7d21599e1efaa5cc7ed124f670226",

"\_rev": "17-e42312350dbf99cd4f18b1d0cb631a25",

"expries": "2016-04-01T20:23:20.605Z",

"token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ1c2VySWQiOiJtY21vaG9ybkB1cy5pYm0uY29tIiwiZXhwaXJlcyI6MTQ1OTU0MjIwMDYwNX0.MtBRrci4s202R12UVNXftx5iRsIERbDdNqrJv6HQ4Eo",

"user\_id": "mcmohorn@us.ibm.com"

}

**scheduled\_task**

The scheduled\_task database contains documents that are tasks, which may be scheduled by Operational Insight. These tasks are executed by the Scheduler module. The schema is for the scheduled\_task documents is below:

{

"\_id": {String},

"\_rev": {String},

"enable": {Boolean},

"frequency": {Duration},

"parameters": {Object - Variable}

}

An example document is below:

{

"\_id": "utilizationVerificationEmail",

"\_rev": "1-828ce9f1bdaf8837b27813f775527fc3",

"enable": false,

"frequency": {

"years": 0,

"months": 0,

"weeks": 2,

"days": 0,

"hours": 0,

"minutes": 0,

"seconds": 0

},

"parameters": {

"subject": "Utilization Verification Reminder",

"templatePath": "utilizationValidationEmail.html",

"tokenDuration": {

"years": 0,

"months": 0,

"weeks": 0,

"days": 1,

"hours": 0,

"minutes": 0,

"seconds": 0

},

"verifyDuration": {

"years": 0,

"months": 0,

"weeks": 2,

"days": 0,

"hours": 0,

"minutes": 0,

"seconds": 0

}

}

}