

Previous/New NEPs contribute to Existing/new RPIs

Round	Organisation	NEP ID	NEP Name	Developers or PIs	RPI ID	RPI Name												
Previous NEP	Inocybe	GIT-216	GreenStar Network	Mathieu Lemay (Dev and PI)	SC-001	Cloud manager with inter-cloud scheduling												
	ONC	NEP-010/067	Ocean 2.0/DDJC	Eric Guillemot (Dev) Mitozcelle Valenzuela (Dev)	RPI-37	Explore Complex Oceanographic Data												
					SC-010	Sensor Observation Service												
	Cybera & U. of Calgary	NEP-021/061	CSSDP/CESWP	Roddi Potter (Dev) Robert Rankin (PI) Mark Gordon (Dev)	SC-004-1	CICSTART CML Script Client												
					SC-004-2	CICSTART Data Catalogue												
					SC-004-3	CICSTART File Transfer / Caching												
					SC-004-4	CICSTART User Authentication												
					SC-004-5	CICSTART VFS												
	McGill U. MNI	NEP-034/053	CBRAIN/GBRAIN	Tristan Glatard (Dev) Marc Rousseau (Dev) Tarek Sherif (Dev)	RPI-22-1	CBRAIN Data Services												
RPI-22-2					CBRAIN External Resource Monitoring													
RPI-32					Generic 3D Web-Viewer Service													
UVIC & NRC-HIA	NEP-039	CANFAR	Séverin Gaudet (Dev) Adrian Damian () Sharon Goliath (Dev) Pat Dowler (Dev)	SC-003-1	CANFAR - Batch Cloud Processing Service													
				SC-003-2	CANFAR - Virtual File Persistence Service													
				SC-003-3	CANFAR - Virtual Machine On-Demand System													
				SC-003-4	CANFAR - Virtual Storage Service													
UVIC-HEP	NEP-052	HEP Legacy	Ian Gable (Dev) Ron Desmarais (Dev)	SC-002-1	Batch Services													
				SC-002-2	Shared Software Repository													
U. of Calgary	NEP-066	GeoCENS	Steve Liang (PI) Alec Huang (Dev)	SC-009	GeoCENS RPI													
U. of Calgary	NEP-071	CyberSKA	Rob Simmonds (Dev) David Aikema (Dev) Russ Taylor (PI)	SC-011	Visualization Server Pool Management Service													
NEP-RPI 1st Call	UVIC-HEP	NEP-101	HEP Data-Intensive Distributed Cloud Computing	Ian Gable (Dev) Ron Desmarais (Dev)	NEP-101-1	Distributed VM image repository system												
					NEP-101-2	Shoal/Squid cache server for VM images												
	ONC	NEP-105	WARN	Eric Guillemot (Dev) Mitozcelle Valenzuela (Dev) Helena Jeeves (Dev) Reyna Jenkyns (PI) Benoit Pirenne (PI) Ron Schouten (Dev)	NEP-105-1	Event Notifications Service												
							Cybera & U. of Calgary	NEP-107	SKA Global Science Data Delivery Platform	Rob Simmonds (Dev) David Aikema (Dev) Russ Taylor (PI)	NEP-107-1	2D multi-spectral visualization tools						
													UVIC & NRC-HIA	NEP-110	SaaS for Big Data Analytics	Séverin Gaudet (Dev) Adrian Damian () Sharon Goliath (Dev) Pat Dowler (Dev) Brian Major (Dev) Ed Chapin (Dev)	NEP-110-1	CANFAR Group Management Service
																	NEP-110-2	CANFAR Extended Virtual Machine On-Demand System
																	NEP-110-3	CANFAR Extended Virtual Storage Service File Random Access
	NEP-110-4	CANFAR Extended Sharing Virtual Images																
	NEP-110-5	CANFAR Extended User-Provided Virtual Machine Images																
	Western U.	NEP-114	REALM	Joshua Asokanthan (Dev) Nathaniel Sherry (Dev)	NEP-114-1	Manage repository												
NEP-114-2						Update Data												
NEP-114-3						Search Data												
NEP-114-4						Manage User												
NEP-114-5						Authentication												
NEP-114-6						Manage Project												
NEP-114-7						Control Robot												
McGill U.	NEP-116	GenAP	Carol Gauthier (Dev) David Bujold (Dev)	NEP-116-1	Cloud image with a galaxy server													
				NEP-116-2	CVMFS stratum 0 and stratum 1 services													
				NEP-116-3	Squid Cache VM Service													
CRIM	N/A	N/A	Tom Landry (Dev) André Lapointe (Dev)	RPI-23	Map updating WS based based on satellite imagery for national hydrographic network													
NEP-RPI 2nd Call	SFU	NEP-131	iReceptor	Felix Breden (PI) Brian Corrie (Dev)	NEP-131-1	iReceptor Database Service												
					NEP-131-2	iReceptor Migration Services												
					NEP-131-3	iReceptor Computation Services												
					NEP-131-4	iReceptor Auth Service												
	Carleton U.	NEP-138	RP-SMARF	Felix Breden (PI) Brian Corrie (Dev)	NEP-138-1	Streaming Data Transfert Service												
					NEP-138-2	Resource Management Service												
	CRIM	NEP-143	VESTA	Tom Landry (Dev) André Lapointe (Dev)	NEP-143-1	Annotation storage Service												
					NEP-143-2	Load balancing and access to automated annotation Service												
					NEP-143-3	Multimedia file storage Service												
					NEP-143-4	Speech diarization Service												
					NEP-143-5	Speech-to-text Service												
					NEP-143-6	Text-audio matching Service												
					NEP-143-7	Detection Service for transitions in video content												
					NEP-143-8	Face analysis Service												
	Cybera & U. of Calgary	NEP-150	ArcticConnect	Steve Liang (PI) Alec Huang (Dev)	NEP-150-1	Biodiversity Sightings Service												
					NEP-150-2	PolarMap.js												
					NEP-150-3	TileMaker MapReduce												
NEP-150-4					Artic Web Managing Service													
U. of Toronto	NEP-154	GREEN 2.0 BUILDINGS	Tamer El-Diraby (PI) Alexi Lapouchnian (Dev) Manos Paggelis (Dev)	NEP-154-1	Social Analytics Services													
				NEP-154-2	BIM Technical Analysis Services													
				NEP-154-3	Supply Chain Services													
				NEP-154-4	Support Services													
Cybera & U. of Alberta	N/A	N/A	Alex Valushko (Dev) Cam Mann (Dev) Barton Satchwill (Dev)	RPI-38	ActiveFolders													