

[GPUDB-101] [Create presentation](#) Created: 07/Nov/18 Updated: 14/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Story	<b>Priority:</b>	Highest
<b>Reporter:</b>	<a href="#">Dávid Kubík</a>	<b>Assignee:</b>	<a href="#">Dávid Kubík</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Σ Remaining Estimate:</b>	0 minutes	<b>Remaining Estimate:</b>	Not Specified
<b>Σ Time Spent:</b>	7 hours	<b>Time Spent:</b>	Not Specified
<b>Σ Original Estimate:</b>	Not Specified	<b>Original Estimate:</b>	Not Specified

<b>Sub-tasks:</b>	<b>Key</b>	<b>Summary</b>	<b>Type</b>	<b>Status</b>	<b>Assignee</b>
	<a href="#">GPUDB-115</a>	<a href="#">Vytvorit prezentaciu</a>	Sub-task	Done	Dávid Kubík
	<a href="#">GPUDB-116</a>	<a href="#">Vytvorit demo</a>	Sub-task	Done	Andrej Fúsek
<b>Sprint:</b>	Chewbacca				

## Aggregations with GROUP BY (GPU) (GPUDB-98)

 [GPUDB-122] [Hashovacia tabulka](#) Created: 15/Nov/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Andrej Fúsek</a>	<b>Assignee:</b>	<a href="#">Andrej Fúsek</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	0 minutes		
<b>Time Spent:</b>	1 day		
<b>Original Estimate:</b>	5 hours		

<b>Sprint:</b>	Chewbacca
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### Description

Vlastna hash table v cpp - pristupna z kernelu

**Dokumentácia po šprinte a ďalšie veci** (GPUDB-102)

 **[GPUDB-121] Pridať možnosť mať viac tabuliek rôznych DB v rovnakom priečinku** Created: 14/Nov/18 Updated: 14/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Dávid Kubík</a>	<b>Assignee:</b>	<a href="#">Dávid Kubík</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	20 minutes		
<b>Time Spent:</b>	40 minutes		
<b>Original Estimate:</b>	1 hour		

<b>Sprint:</b>	Chewbacca
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**Dokumentácia po šprinte a ďalšie veci** (GPUDB-102)

 **[GPUDB-120] Pridat' Testy ColumnFloat,Long,Polygon,Point** Created:

14/Nov/18 Updated: 16/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Dávid Kubík</a>	<b>Assignee:</b>	<a href="#">Dávid Kubík</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	0 minutes		
<b>Time Spent:</b>	1 hour, 40 minutes		
<b>Original Estimate:</b>	1 hour		

<b>Sprint:</b>	Chewbacca
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**Description**

A opravit ColumnNumericTests

## Dokumentácia po šprinte a ďalšie veci (GPUDB-102)

### [GPUDB-119] Pridať Float, Long, Polygon a Point do DatabaseGenerator

Created: 14/Nov/18 Updated: 16/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Dávid Kubík</a>	<b>Assignee:</b>	<a href="#">Dávid Kubík</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	30 minutes		
<b>Time Spent:</b>	2 hours		
<b>Original Estimate:</b>	2 hours, 30 minutes		

<b>Sprint:</b>	Chewbacca
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#### Description

Taktiež refaktornúť kód, pridať logovanie a ďalšie možnosti na generovanie dát.

**Dokumentácia po šprinte a ďalšie veci** (GPUDB-102)

 **[GPUDB-118] Dokumentácia podielu práce** Created: 14/Nov/18 Updated: 15/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Dávid Kubík</a>	<b>Assignee:</b>	<a href="#">Dávid Kubík</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	0 minutes		
<b>Time Spent:</b>	3 hours		
<b>Original Estimate:</b>	3 hours		

<b>Sprint:</b>	Chewbacca
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**[Inrepreter - geo, agregacie, group by](#)** (GPUDB-103)

 **[GPUDB-117] [CUDA agregacie Keep](#)** Created: 07/Nov/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Martin Staňo</a>	<b>Assignee:</b>	<a href="#">Andrej Fúsek</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	0 minutes		
<b>Time Spent:</b>	3 hours		
<b>Original Estimate:</b>	3 hours		

<b>Sprint:</b>	Chewbacca
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**Description**

Keep result in GPU for all agregation functions



**Create presentation** (GPUDB-101)

 **[GPUDB-116] Vytvorit demo** Created: 07/Nov/18 Updated: 16/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Dávid Kubík</a>	<b>Assignee:</b>	<a href="#">Andrej Fúsek</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	0 minutes		
<b>Time Spent:</b>	2 hours		
<b>Original Estimate:</b>	Not Specified		

<b>Sprint:</b>	Chewbacca
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[Create presentation](#) (GPUDB-101)

 [\[GPUDB-115\] Vytvorit prezentaciu](#) Created: 07/Nov/18 Updated: 15/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Dávid Kubík</a>	<b>Assignee:</b>	<a href="#">Dávid Kubík</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	0 minutes		
<b>Time Spent:</b>	5 hours		
<b>Original Estimate:</b>	Not Specified		

<b>Sprint:</b>	Chewbacca
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[GPUDB-113] [Nabalovanie trvania času](#) Created: 07/Nov/18 Updated: 17/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Bug	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Peter Kratky</a>	<b>Assignee:</b>	<a href="#">Nikolas Hamran</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	5 hours, 30 minutes		
<b>Time Spent:</b>	2 hours, 30 minutes		
<b>Original Estimate:</b>	1 day		

<b>Sprint:</b>	Chewbacca
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#### Description

```
SELECT colInt FROM TableA WHERE colInt < 100
```

Islo o nagerovanu tabulky pomocou generatora od Davida.

1000 blokov po 1024 riadkov

#### Comments

Comment by [Jakub Veselý](#) [ 13/Nov/18 ]

Zreplikovane na vygenerovanej DB 1000\*1024, ale nie s tak drastickym efektom ako mal peto, zvyсило sa mi to po istom case z 80ms na takmer 200ms per query. Treba na to postvat profiler.

Comment by [Jakub Veselý](#) [ 13/Nov/18 ]

[Memory.cu:114](#) - Nemazete veci z vektora, len to markujete ako nullptr.

Comment by [Jakub Veselý](#) [ 13/Nov/18 ]

Also, po volani free mozete breaknut, netreba hladat dalej. Ale odporucam prerobit na std::unordered\_set, tam mate O(1) zlozitost na hladanie (je to hashtable) a O(1) mazanie ked sa najde.

Comment by [Peter Kratky](#) [ 14/Nov/18 ]

A este nahodou - Nieco si spominam, ze Martin hovoril, ze si udrziava zoznam blokov nahranych do GRAM. Nie je tam nejaky overhead pri cekovani ze co je nahrate?

Comment by [Andrej Fúsek](#) [ 14/Nov/18 ]

Martin to kontroloval, vsetko cisti korektne. Bude to v tej Cude, uz vieme kde. Ked sa k tomu dostaneme, budeme informovat :)

## Inrepreter - geo, agregacie, group by (GPUDB-103)

 [GPUDB-112] Group by Created: 07/Nov/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Martin Staňo</a>	<b>Assignee:</b>	<a href="#">Martin Staňo</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	0 minutes		
<b>Time Spent:</b>	5 hours		
<b>Original Estimate:</b>	Not Specified		

<b>Sprint:</b>	Chewbacca
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### Description

Having je optional, nie je nutne ho spravit teraz

**Inrepreter - geo, agregacie, group by** (GPUDB-103)

 **[GPUDB-111] Agregacie** Created: 07/Nov/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Martin Staňo</a>	<b>Assignee:</b>	<a href="#">Martin Staňo</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	2 hours		
<b>Time Spent:</b>	1 day		
<b>Original Estimate:</b>	1 day, 2 hours		

<b>Sprint:</b>	Chewbacca
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**Inrepreter - geo, agregacie, group by** (GPUDB-103)

 **[GPUDB-110] Geo** Created: 07/Nov/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Martin Staňo</a>	<b>Assignee:</b>	<a href="#">Martin Staňo</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	0 minutes		
<b>Time Spent:</b>	1 day, 6 hours		
<b>Original Estimate:</b>	1 day		

<b>Sprint:</b>	Chewbacca
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## Aggregations with GROUP BY (GPU) (GPUDB-98)

 [GPUDB-108] Plnenie bucketov Created: 07/Nov/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Andrej Fúsek</a>	<b>Assignee:</b>	<a href="#">Andrej Fúsek</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	0 minutes		
<b>Time Spent:</b>	3 days, 6 hours		
<b>Original Estimate:</b>	1 day, 4 hours		

<b>Sprint:</b>	Chewbacca
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### Description

Kernely, funkcie a wrappery na GROUP BY s vyuzitim vlastnej hash tabulky

**Aggregations with GROUP BY (GPU)** (GPUDB-98)

 **[GPUDB-107] Generovanie bucketov** Created: 07/Nov/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Nikolas Hamran</a>	<b>Assignee:</b>	<a href="#">Jakub Veselý</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	6 hours		
<b>Time Spent:</b>	2 hours		
<b>Original Estimate:</b>	1 day		

<b>Sprint:</b>	Chewbacca
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## FE - staticky report s grafmi a mapami (GPUDB-68)

 [GPUDB-106] [Grafy](#) Created: 07/Nov/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Martin Petráš</a>	<b>Assignee:</b>	<a href="#">Martin Petráš</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	7 hours		
<b>Time Spent:</b>	1 hour		
<b>Original Estimate:</b>	1 day		

<b>Sprint:</b>	Chewbacca
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### Description

Podla reportu v priklade [http://analyzy.marketlocator.sk/stcs/stc\\_branches/2.html](http://analyzy.marketlocator.sk/stcs/stc_branches/2.html)

**FE - staticky report s grafmi a mapami** (GPUDB-68)

 **[GPUDB-105] Mapa** Created: 07/Nov/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Martin Petráš</a>	<b>Assignee:</b>	<a href="#">Martin Petráš</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	1 hour		
<b>Time Spent:</b>	3 days, 7 hours		
<b>Original Estimate:</b>	4 days		

<b>Sprint:</b>	Chewbacca
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[GPUDB-103] [Inrepreter - geo, agregacie, group by](#) Created: 07/Nov/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Story	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Peter Kratky</a>	<b>Assignee:</b>	<a href="#">Martin Staňo</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Σ Remaining Estimate:</b>	2 hours	<b>Remaining Estimate:</b>	Not Specified
<b>Σ Time Spent:</b>	3 days, 6 hours	<b>Time Spent:</b>	Not Specified
<b>Σ Original Estimate:</b>	2 days, 5 hours	<b>Original Estimate:</b>	Not Specified

Sub-tasks:	Key	Summary	Type	Status	Assignee
	<a href="#">GPUDB-110</a>	<a href="#">Geo</a>	Sub-task	Done	Martin Staňo
	<a href="#">GPUDB-111</a>	<a href="#">Agregacie</a>	Sub-task	Done	Martin Staňo
	<a href="#">GPUDB-112</a>	<a href="#">Group by</a>	Sub-task	Done	Martin Staňo
	<a href="#">GPUDB-117</a>	<a href="#">CUDA agregacie Keep</a>	Sub-task	Done	Andrej Fúsek

**Sprint:** Chewbacca

**[GPUDB-102] [Dokumentácia po šprinte a ďalšie veci](#)** Created: 07/Nov/18 Updated: 16/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Story	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Dávid Kubík</a>	<b>Assignee:</b>	<a href="#">Dávid Kubík</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Σ Remaining Estimate:</b>	50 minutes	<b>Remaining Estimate:</b>	Not Specified
<b>Σ Time Spent:</b>	7 hours, 20 minutes	<b>Time Spent:</b>	Not Specified
<b>Σ Original Estimate:</b>	7 hours, 30 minutes	<b>Original Estimate:</b>	Not Specified

Sub-tasks:	Key	Summary	Type	Status	Assignee
	<a href="#">GPUDB-118</a>	<a href="#">Dokumentácia podielu práce</a>	Sub-task	Done	Dávid Kubík
	<a href="#">GPUDB-119</a>	<a href="#">Pridať Float, Long, Polygon a Point d...</a>	Sub-task	Done	Dávid Kubík
	<a href="#">GPUDB-120</a>	<a href="#">Pridať Testy ColumnFloat,Long,Polygon...</a>	Sub-task	Done	Dávid Kubík
	<a href="#">GPUDB-121</a>	<a href="#">Pridať možnosť mať viac tabuliek rôzn...</a>	Sub-task	Done	Dávid Kubík
<b>Sprint:</b>	Chewbacca				

**[GPUDB-98] [Aggregations with GROUP BY \(GPU\)](#)** Created: 07/Nov/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Story	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Peter Kratky</a>	<b>Assignee:</b>	<a href="#">Andrej Fúsek</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Σ Remaining Estimate:</b>	6 hours	<b>Remaining Estimate:</b>	Not Specified
<b>Σ Time Spent:</b>	1 week	<b>Time Spent:</b>	Not Specified
<b>Σ Original Estimate:</b>	3 days, 1 hour	<b>Original Estimate:</b>	Not Specified

Sub-tasks:	Key	Summary	Type	Status	Assignee
	<a href="#">GPUDB-107</a>	<a href="#">Generovanie bucketov</a>	Sub-task	Done	Jakub Veselý
	<a href="#">GPUDB-108</a>	<a href="#">Plnenie bucketov</a>	Sub-task	Done	Andrej Fúsek
	<a href="#">GPUDB-122</a>	<a href="#">Hashovacia tabulka</a>	Sub-task	Done	Andrej Fúsek

<b>Epic Link:</b>	<a href="#">GPU</a>
<b>Sprint:</b>	Chewbacca

**Query timing** (GPUDB-10)

 **[GPUDB-92] Parser musi vratit tuple** Created: 24/Oct/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Veronika Včelková</a>	<b>Assignee:</b>	<a href="#">Veronika Včelková</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	0 minutes		
<b>Time Spent:</b>	4 hours		
<b>Original Estimate:</b>	5 hours		

<b>Sprint:</b>	Chewbacca
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**Query timing** (GPUDB-10)

 **[GPUDB-91] Extened network msg to carry timing data** Created: 24/Oct/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Veronika Včelková</a>	<b>Assignee:</b>	<a href="#">Veronika Včelková</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	2 hours, 30 minutes		
<b>Time Spent:</b>	2 hours, 30 minutes		
<b>Original Estimate:</b>	5 hours		

<b>Sprint:</b>	Chewbacca
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**Query timing** (GPUDB-10)

 **[GPUDB-90] Kolko trvalo CUDA stuff** Created: 24/Oct/18 Updated: 18/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Veronika Včelková</a>	<b>Assignee:</b>	<a href="#">Nikolas Hamran</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	1 hour, 15 minutes		
<b>Time Spent:</b>	1 hour, 15 minutes		
<b>Original Estimate:</b>	2 hours, 30 minutes		

<b>Sprint:</b>	Chewbacca
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**Query timing** (GPUDB-10)

 **[GPUDB-89] Kolko trvalo parsovanie** Created: 24/Oct/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Veronika Včelková</a>	<b>Assignee:</b>	<a href="#">Veronika Včelková</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	45 minutes		
<b>Time Spent:</b>	7 hours, 15 minutes		
<b>Original Estimate:</b>	1 day		

<b>Sprint:</b>	Chewbacca
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[Insert into table](#) (GPUDB-20)

 **[GPUDB-88] [Listener na insert statement](#)** Created: 24/Oct/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Martin Staňo</a>	<b>Assignee:</b>	<a href="#">Martin Staňo</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	2 hours		
<b>Time Spent:</b>	6 hours		
<b>Original Estimate:</b>	1 day		

<b>Sprint:</b>	Chewbacca
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**Contains function for geo types (GPU)** (GPUDB-19)

 **[GPUDB-87] CUDA wrapper** Created: 24/Oct/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Dávid Kubík</a>	<b>Assignee:</b>	<a href="#">Jakub Veselý</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	2 hours		
<b>Time Spent:</b>	3 hours		
<b>Original Estimate:</b>	5 hours		

<b>Sprint:</b>	Chewbacca
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**Contains function for geo types (GPU)** (GPUDB-19)

 **[GPUDB-86] Contains pre complex polygon** Created: 24/Oct/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Dávid Kubík</a>	<b>Assignee:</b>	<a href="#">Jakub Veselý</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		
<b>Original Estimate:</b>	Not Specified		

<b>Sprint:</b>	Chewbacca
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**Contains function for geo types (GPU)** (GPUDB-19)

 **[GPUDB-85] Contains pre jeden polygon** Created: 24/Oct/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Jakub Veselý</a>	<b>Assignee:</b>	<a href="#">Jakub Veselý</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	5 hours		
<b>Time Spent:</b>	3 hours		
<b>Original Estimate:</b>	1 day		

<b>Sprint:</b>	Chewbacca
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## Konfiguracne subory a detekcia chybu GPU (GPUDB-80)

 **[GPUDB-84] Detekcia HW** Created: 24/Oct/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Nikolas Hamran</a>	<b>Assignee:</b>	<a href="#">Nikolas Hamran</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	0 minutes		
<b>Time Spent:</b>	4 hours		
<b>Original Estimate:</b>	4 hours		

<b>Sprint:</b>	Chewbacca
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## Konfiguracne subory a detekcia chybajucej GPU (GPUDB-80)

 [GPUDB-83] [API na load a fetch konfigov](#) Created: 24/Oct/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Alexandra Smolova</a>	<b>Assignee:</b>	<a href="#">Alexandra Smolova</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	0 minutes		
<b>Time Spent:</b>	4 hours		
<b>Original Estimate:</b>	4 hours		

<b>Sprint:</b>	Chewbacca
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## Konfiguracne subory a detekcia chybajucej GPU (GPUDB-80)

 [GPUDB-82] Vybrat format konfigov Created: 24/Oct/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Alexandra Smolova</a>	<b>Assignee:</b>	<a href="#">Alexandra Smolova</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	0 minutes		
<b>Time Spent:</b>	2 hours		
<b>Original Estimate:</b>	1 hour		

<b>Sprint:</b>	Chewbacca
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## Konfiguracne subory a detekcia chybajucej GPU (GPUDB-80)

 [GPUDB-81] Vytvorit konfigy Created: 24/Oct/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Sub-task	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Alexandra Smolova</a>	<b>Assignee:</b>	<a href="#">Alexandra Smolova</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	0 minutes		
<b>Time Spent:</b>	1 hour		
<b>Original Estimate:</b>	1 hour		

<b>Sprint:</b>	Chewbacca
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**[GPUDB-80] [Konfiguracne subory a detekcia chybajucej GPU](#)** Created:

24/Oct/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Story	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Peter Kratky</a>	<b>Assignee:</b>	<a href="#">Alexandra Smolova</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Σ Remaining Estimate:</b>	0 minutes	<b>Remaining Estimate:</b>	Not Specified
<b>Σ Time Spent:</b>	1 day, 3 hours	<b>Time Spent:</b>	Not Specified
<b>Σ Original Estimate:</b>	1 day, 2 hours	<b>Original Estimate:</b>	Not Specified

<b>Sub-tasks:</b>	<b>Key</b>	<b>Summary</b>	<b>Type</b>	<b>Status</b>	<b>Assignee</b>
	<a href="#">GPUDB-81</a>	<a href="#">Vytvorit konfigy</a>	Sub-task	Done	Alexandra Smolova
	<a href="#">GPUDB-82</a>	<a href="#">Vybrat format konfigov</a>	Sub-task	Done	Alexandra Smolova
	<a href="#">GPUDB-83</a>	<a href="#">API na load a fetch konfigov</a>	Sub-task	Done	Alexandra Smolova
	<a href="#">GPUDB-84</a>	<a href="#">Detekcia HW</a>	Sub-task	Done	Nikolas Hamran
<b>Sprint:</b>	Chewbacca				

**Description**

Nakonfigurovat ci spustanie DB na CPU / GPU, dlzku blokov, cesta k databazam, timeout

**[GPUDB-68] [FE - staticky report s grafmi a mapami](#)** Created: 17/Oct/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Story	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Peter Kratky</a>	<b>Assignee:</b>	<a href="#">Martin Petráš</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Σ Remaining Estimate:</b>	1 day	<b>Remaining Estimate:</b>	Not Specified
<b>Σ Time Spent:</b>	4 days	<b>Time Spent:</b>	Not Specified
<b>Σ Original Estimate:</b>	1 week	<b>Original Estimate:</b>	Not Specified

<b>Sub-tasks:</b>	<b>Key</b>	<b>Summary</b>	<b>Type</b>	<b>Status</b>	<b>Assignee</b>
	<a href="#">GPUDB-105</a>	<a href="#">Mapa</a>	Sub-task	Done	Martin Petráš
	<a href="#">GPUDB-106</a>	<a href="#">Grafy</a>	Sub-task	Done	Martin Petráš
<b>Epic Link:</b>	<a href="#">Frontend</a>				
<b>Sprint:</b>	Chewbacca				

[GPUDB-20] [Insert into table](#) Created: 02/Oct/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Story	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Peter Kratky</a>	<b>Assignee:</b>	<a href="#">Martin Staňo</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Σ Remaining Estimate:</b>	2 hours	<b>Remaining Estimate:</b>	0 minutes
<b>Σ Time Spent:</b>	6 hours	<b>Time Spent:</b>	Not Specified
<b>Σ Original Estimate:</b>	1 day	<b>Original Estimate:</b>	0 minutes

<b>Sub-tasks:</b>	<b>Key</b>	<b>Summary</b>	<b>Type</b>	<b>Status</b>	<b>Assignee</b>
	<a href="#">GPUDB-88</a>	<a href="#">Listener na insert statement</a>	Sub-task	Done	Martin Staňo
<b>Sprint:</b>	Chewbacca				

#### Description

Moznost vlozit zaznam do DB

Idealne nekontroluje nazvy stlpcov, ale ked taky stlpec tabulka nema, tak sa automaticky vytvori novy

**[GPUDB-19] [Contains function for geo types \(GPU\)](#)** Created: 02/Oct/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Story	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Peter Kratky</a>	<b>Assignee:</b>	<a href="#">Jakub Veselý</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Σ Remaining Estimate:</b>	7 hours	<b>Remaining Estimate:</b>	Not Specified
<b>Σ Time Spent:</b>	6 hours	<b>Time Spent:</b>	Not Specified
<b>Σ Original Estimate:</b>	1 day, 5 hours	<b>Original Estimate:</b>	Not Specified

<b>Sub-tasks:</b>	<b>Key</b>	<b>Summary</b>	<b>Type</b>	<b>Status</b>	<b>Assignee</b>
	<a href="#">GPUDB-85</a>	<a href="#">Contains pre jeden polygon</a>	Sub-task	Done	Jakub Veselý
	<a href="#">GPUDB-86</a>	<a href="#">Contains pre complex polygon</a>	Sub-task	Done	Jakub Veselý
	<a href="#">GPUDB-87</a>	<a href="#">CUDA wrapper</a>	Sub-task	Done	Jakub Veselý
<b>Epic Link:</b>	<a href="#">GPU</a>				
<b>Sprint:</b>	Chewbacca				

**Description**

One point many polygon vs many polygon one point

**[GPUDB-10] [Query timing](#)** Created: 02/Oct/18 Updated: 21/Nov/18

<b>Status:</b>	Done
<b>Project:</b>	<a href="#">GPU-DB</a>
<b>Component/s:</b>	None
<b>Affects Version/s:</b>	None
<b>Fix Version/s:</b>	None

<b>Type:</b>	Story	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Peter Kratky</a>	<b>Assignee:</b>	<a href="#">Veronika Včelková</a>
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Σ Remaining Estimate:</b>	4 hours, 30 minutes	<b>Remaining Estimate:</b>	Not Specified
<b>Σ Time Spent:</b>	1 day, 7 hours	<b>Time Spent:</b>	Not Specified
<b>Σ Original Estimate:</b>	2 days, 4 hours, 30 minutes	<b>Original Estimate:</b>	Not Specified

Sub-tasks:	Key	Summary	Type	Status	Assignee
	<a href="#">GPUDB-89</a>	<a href="#">Kolko trvalo parsovanie</a>	Sub-task	Done	Veronika Včelková
	<a href="#">GPUDB-90</a>	<a href="#">Kolko trvalo CUDA stuff</a>	Sub-task	Done	Nikolas Hamran
	<a href="#">GPUDB-91</a>	<a href="#">Extened network msg to carry timing data</a>	Sub-task	Done	Veronika Včelková
	<a href="#">GPUDB-92</a>	<a href="#">Parser musi vratit tuple</a>	Sub-task	Done	Veronika Včelková
<b>Sprint:</b>	Chewbacca				

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