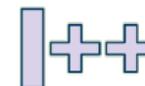




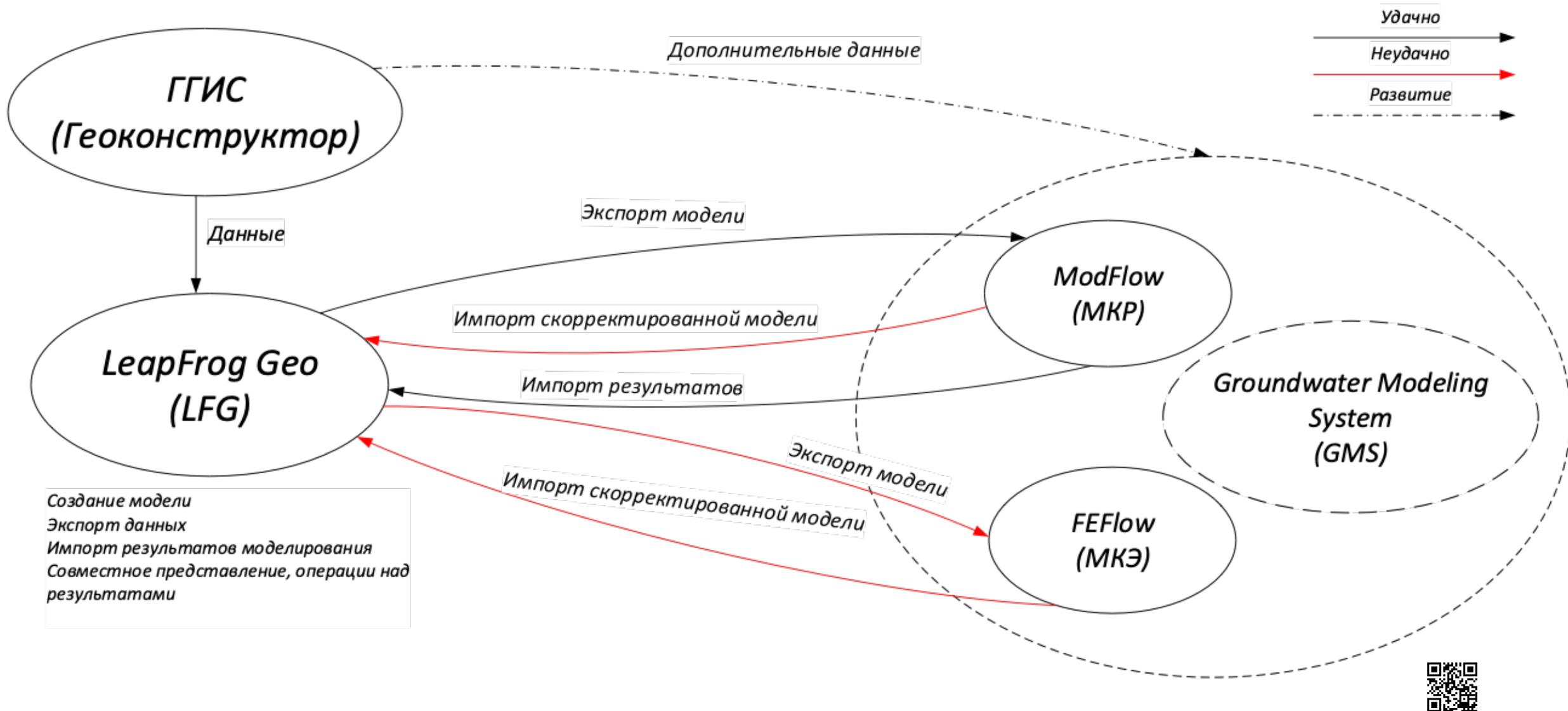
# Leapfrog Geo как инструмент решения задач гидрогеологического моделирования в практике калийных предприятий

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Базы данных. Геологические модели.  
Математическое моделирование.



# Общая схема движения данных





# Исходные данные в LFG

The image displays the Leapfrog Geo software interface, showing a 3D geological model and its data structure. The main window shows a 3D view of a geological model with various layers and structures. The left sidebar shows the Project Tree, and the right sidebar shows the GM\_SloyPlastGroup legend.

**Project Tree (Left Panel):**

- Drillhole traces
  - Drillhole Graphs
    - GG\_Pump
      - Plast\_Name
      - PressureType
      - Pumping\_Type
      - Skvag\_Number
      - column
      - Head
      - K
      - Q
      - T
      - UID
    - LF\_Assay\_Chemi
    - LF\_Geo\_Lith
    - LF\_Physmech
    - LF\_Pumpings

- Composites
- MC\_SIPIGroup
- NC\_SIPIGroup
- MT\_MC\_NC\_SIPIGroup
- SMT2\_1k
- TKT\_1k
- TKT\_2k
- Planned Drillholes
- Drillhole Correlation
- Designs
- Points
- particle vet
- salt
- Polylines
- Geophysical Data

**GM\_SloyPlastGroup Legend (Right Panel):**

Q	Kp1
Unknown	Kp1-кк1
A'-Kp1	Kp2
AB	Kp2-Kp3
B	Kp3a+b
B-Г	Kp3b-b
Г	Kp3e
Г-Д	ИГ
Г-Т	НКС
Д	Ипех
Д-Е	ГДКС
Е	ПКС
Е-Ж	ПЦТ
Ж	РП 1
Ж-З	РП 2
З	РП 3
З-И	РП 4
И	РП 5
И-К	РП 6
К	РП 7
кк1	РП 8
ккБ	СМТ
ккБ-В	ТКТ

**3D Model View (Center):**

The 3D model shows a geological cross-section with various layers and structures. The vertical axis represents elevation, ranging from 0 to -600. The horizontal axis represents distance, ranging from 0 to 5000. The model is color-coded according to the legend.

**Bottom Panel:**

The bottom panel shows the GM\_SloyPlastGroup legend and the Slice mode dropdown menu. The Slice mode is set to "From Scene". The "Fill Slicer" checkbox is checked. The bottom status bar shows "Full Acceleration", "21 FPS", and "Z-Scale 5.0".



# Результаты расчетов

