






Protocol van Overdracht

D-Soil Model 24.2.1

Status en Versie								
Project-nummer	Versie	Datum	Auteur (ontwikkelaar, PL)	Paraaf	Review applicatie beheerder Deltares / RWS-WVL	Paraaf	Goedkeuring SLA-Managers	Paraaf
11210373	1.0	2024- 11-18	Tom The		Hans de Waal		Joost Icke	
					Robert Slomp		Yann Friocourt	

1. Woord vooraf.

De ontwikkeling van D-Soil Model is bevroren vanaf de laatste release versie 17.2.1. Er werd in principe niet meer ontwikkeld aan deze applicatie. De applicatie werd alleen in de lucht gehouden, in afwachting van een (nieuw te ontwerpen) opvolger. Er is echter nog geen zicht op een opvolger, daarom moet deze applicatie voorlopig nog in de lucht blijven. Een gebruiker heeft recent aangegeven dat de kaartfunctie in versie 17.2.1 niet meer werkt. Dat klopt en dat komt door veranderingen in de PDOK API (programma interface). PDOK is de geo data web-service van de overheid.

Omdat dit een behoorlijke beperking is in de bruikbaarheid van de applicatie, is besloten om die kaartfunctie te herstellen in een nieuwe release. Tevens is besloten om wat klein onderhoud meteen mee te nemen in die nieuwe release.

Aanbevolen wordt deze versie van het programma te gaan gebruiken ter vervanging van versie 17.2.1.

2. Onderbouwing van de wijziging/ontwikkeling

1. De aanleiding/achtergrond/doel van de wijziging/ontwikkeling.

De kaartfunctie werkte niet meer door een wijziging in de PDOK API (Geo data web-service van de overheid).

2. Een omschrijving van de wijziging/ontwikkeling.

De kaartfunctie is hersteld.

Tevens is er ook onderhoud gepleegd aan de code:

- Een third-party component die sterk verouderd was is vervangen met de meest recente versie. Dit om eventuele veiligheidsrisico's te voorkomen.
- Er kon een exception optreden bij het gebruik van het programma. Dit is verholpen.

Zie ook de release notes van deze release.

3. Het effect van de wijziging/ontwikkeling.

De kaartfunctie is hersteld. De kans op veiligheidsrisico's is verkleind.

4. Leidt de wijziging tot een zodanige wijziging van de kalibratie resultaten dat er opnieuw gekalibreerd moet worden.

Niet van toepassing.



5. *Consequentie van de wijziging voor de huidige en de toekomstige applicatie.*
Voor de gebruikers verandert er niets aan de werkwijze.
6. *Het effect van het gewijzigde of de ontwikkelde applicatie op relaties met andere applicaties.*
De wijziging heeft geen effect op relaties met andere applicaties.

3. **Applicatieonderdelen van de wijziging/ontwikkeling**

1. *Op welke programmatuur en versie is de wijziging/ontwikkeling gebaseerd.*
D-Soil Model 17.2.1
2. *De gebruikte resolutie van het gewijzigde/ontwikkelde model.*
Niet van toepassing.
3. *Waar de gebiedsdata van de wijziging/ontwikkeling van afkomstig is, welke situatie wordt weergegeven en welke schematisatie methode is toegepast.*
Niet van toepassing.
4. *Waar de toegepaste randvoorwaarden voor de wijziging/ontwikkeling op gebaseerd zijn.*
Niet van toepassing.
5. *Een onderbouwing van de gewijzigde/ontwikkelde keuze van belangrijke applicatie-instellingen, zoals model parameters, configuratieinstellingen, enz.*
Niet van toepassing.
6. *De gebruikte procesmanager/workflowmanager en databases.*
Niet van toepassing.
7. *Beschrijf het toegepaste proces om de kwaliteit van de gewijzigde/ontwikkelde applicatie te beoordelen en te garanderen?*
De applicatie gebruikt unittesten die uitgevoerd worden bij elke code check-in en systeem/acceptatietesten (uitgevoerd door Deltares en vastgelegd in een testrapport).

4. **Gebruik van de applicatie**

Deze applicatie is geschikt om in te zetten bij beoordelingsberekeningen. Het programma is bedoeld om informatie over grondsoorten en dwarsprofielen te beheren en als zodanig dient het gebruikt te worden in de voorbereiding van dergelijke berekeningen.

5. **Uitlevering**

Deze release is geschikt om uit te leveren aan gebruikers van het BOI. De licentievoorwaarden zijn opgenomen in de bijlage van dit Protocol van Overdracht.

6. **Producten**

De applicatie D-Soil Model 24.2.1 met voorbeeld data en documentatie. In het versiebeheersysteem is D-Soil Model traceerbaar, namelijk in tag "24.2.1". In de Teamcity buildserver is de build gepind onder de tag "24.2.1".

Deze versie van D-Soil Model maakt gebruik van de volgende Delta Shell Light bibliotheken:

- Deltares.Geographic.dll 24.1.1



- Deltares.Geometry.dll 24.1.1
- Deltares.Geometry.Forms.dll 24.1.1
- Deltares.Geotechnics.dll 24.1.1
- Deltares.Geotechnics.Forms.dll 24.1.1
- Deltares.Geotechnics.IO.dll 24.1.1
- Deltares.Mathematics.dll 24.1.1
- Deltares.Probabilistic.dll 24.1.1
- Deltares.Standard.dll 24.1.1
- Deltares.Standard.Forms.dll 24.1.1
- Deltares.Standard.Forms.DExpress.dll 24.1.1
- Deltares.Standard.Forms.Maps.dll 24.1.1
- Deltares.Standard.Maps.dll 24.1.1

De applicatie zelf bevat de volgende modules

- DSoilModel.exe 24.2.1
- Deltares.DeltaModel.dll 24.2.1
- Deltares.DSoilModel.Data.dll 24.2.1
- Deltares.DSoilModel.Forms.dll 24.2.1

Documentatie (digitaal):

Dit product bevat de volgende documenten

- Functional Design
- Technical Design
- Technical Documentation
- Test Plan
- Test Report
- Handleiding
- Installatiehandleiding
- Release notes

7. Beheer van de modellen

Deze voor RWS ontwikkelde versie wordt bij Deltares beheerd en staat in het versiebeheersysteem (Subversion) van Deltares.

8. Referenties

Niet van toepassing.



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```
=====
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Deltares.DSoilModel.Data.dll
Deltares.DSoilModel.Forms.dll
DGSGEF.dll
Deltares.DeltaModel.dll
Deltares.Geographic.dll
Deltares.Geometry.dll
Deltares.Geometry.Forms.dll
Deltares.Geotechnics.dll
Deltares.Geotechnics.Forms.dll
Deltares.Geotechnics.IO.dll
Deltares.Mathematics.dll
Deltares.Probabilistic.dll
Deltares.Soilbase.dll
Deltares.Standard.dll
Deltares.Standard.Forms.DExpress.dll
Deltares.Standard.Forms.dll
Deltares.Standard.Forms.Maps.dll
Deltares.Standard.Maps.dll
```

```
=====
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files:
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```

```
=====
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```

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=====
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DotSpatial.Data.dll
DotSpatial.Data.Forms.dll
DotSpatial.Data.Rasters.GdalExtension.dll
DotSpatial.Extensions.dll
DotSpatial.Modeling.Forms.dll
DotSpatial.Mono.dll
DotSpatial.Plugins.BruTileLayer.dll
DotSpatial.Projections.dll
DotSpatial.Projections.Forms.dll
```



DotSpatial.Serialization.dll
DotSpatial.Symbology.dll
DotSpatial.Symbology.Forms.dll
DotSpatial.Topology.dll

SmartThreadPool (Microsoft Public license)

SmartThreadPool.dll

GDAL/OGR (MIT license)

gdal_csharp.dll
ogr_csharp.dll
osr_csharp.dll

BruTile (Apache License, Version 2.0, January 2004)

BruTile.Desktop.dll
BruTile.dll

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FirebirdSql.Data.FirebirdClient.dll
fbembed.dll
ib_util.dll
icudt30.dll
icuin30.dll
icuuc30.dll

Lumenworks (MIT license)

LumenWorks.Framework.IO.dll

Mathnet (MIT license)

MathNet.Numerics.dll

SQLite (Microsoft Public License)

System.Data.SQLite.dll

DevExpress Redistributables

DevExpress.Charts.v23.1.Core.dll
DevExpress.Data.Desktop.v23.1.dll
DevExpress.Data.v23.1.dll
DevExpress.Drawing.v23.1.dll
DevExpress.Images.v23.1.dll



DevExpress.Printing.v23.1.Core.dll
DevExpress.RichEdit.v23.1.Core.dll
DevExpress.Utils.v23.1.dll
DevExpress.Utils.v23.1.UI.dll
DevExpress.XtraBars.v23.1.dll
DevExpress.XtraCharts.v23.1.dll
DevExpress.XtraCharts.v23.1.UI.dll
DevExpress.XtraCharts.v23.1.Wizard.dll
DevExpress.XtraEditors.v23.1.dll
DevExpress.XtraGauges.v23.1.Core.dll
DevExpress.XtraGauges.v23.1.Win.dll
DevExpress.XtraGrid.v23.1.dll
DevExpress.XtraLayout.v23.1.dll
DevExpress.XtraNavBar.v23.1.dll
DevExpress.XtraPrinting.v23.1.dll
DevExpress.XtraReports.v23.1.dll
DevExpress.XtraRichEdit.v23.1.dll
DevExpress.XtraTreeList.v23.1.dll
DevExpress.XtraVerticalGrid.v23.1.dll



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Version 3, 29 June 2007

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