



22 June 2025 , 15:30-16:50

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OUTLINE

- **Intro**

- Vision

- **Basic**

- Creation of a basic story using *DEA default datasets*

- **Intermediate**

- Story creation with *user assets*

- **Advanced**

- Using DEA API

What do you need

- Create an account on the
- Accept terms and conditions from the DEA Story Editor



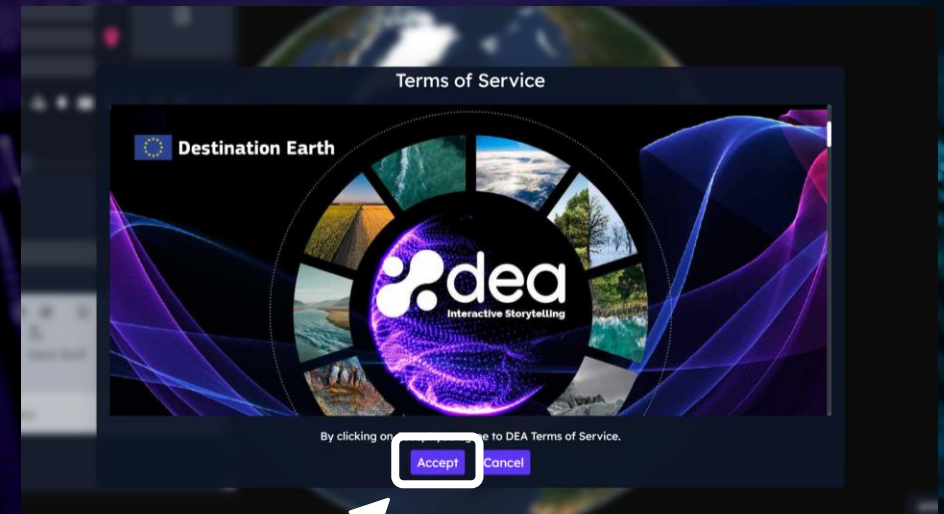
DestinE Platform

[Register](#)



2. Open Terms of Service

1. Sign in



3. Read & Accept

Training Material

- **DEA**

[Home](#)

[Story Browser](#)

[Story Editor](#)

- **Online Documentation**

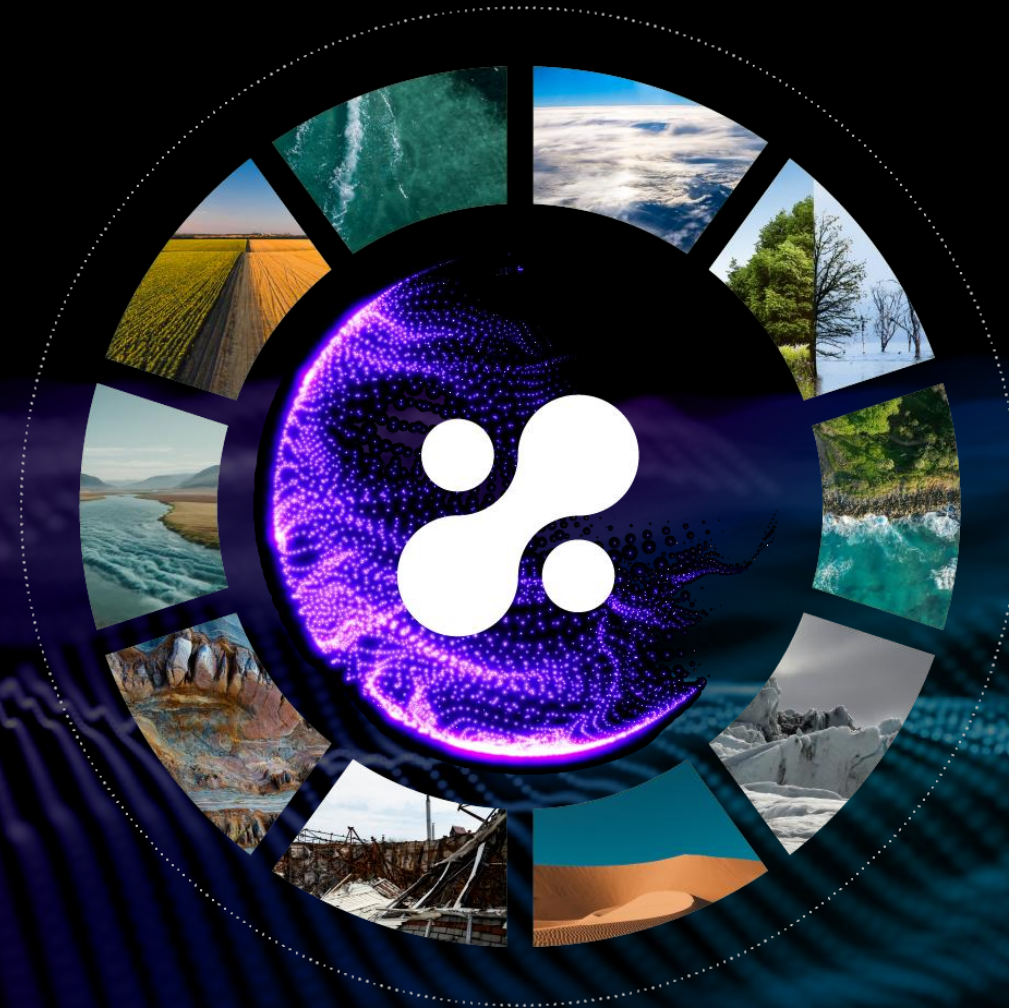
https://platform.destine.eu/services/documents-and-api/doc/?service_name=dea

- **Tutorial**

https://youtu.be/XBhUt_fpFT8

- **Assets**

Download the package [here](#)



Training Material

• Notebooks

[Create sample asset](#)

[Create time-series from COG](#)

[Create video from WMS](#)

[Query DEA Plots](#)

[Explore Climate Trends](#)

[Upload an asset and create a story via API](#)

• Insights

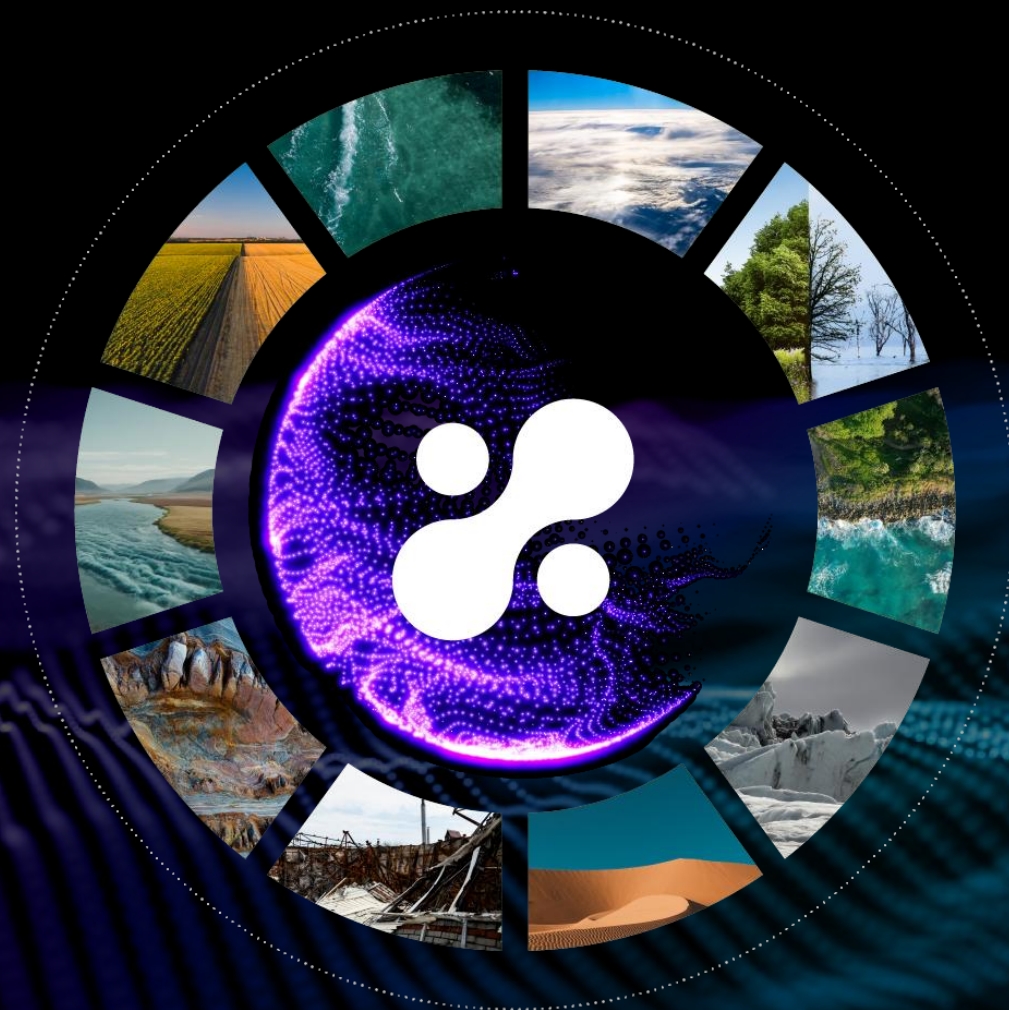
<https://youtu.be/cYEH1zRufPc>

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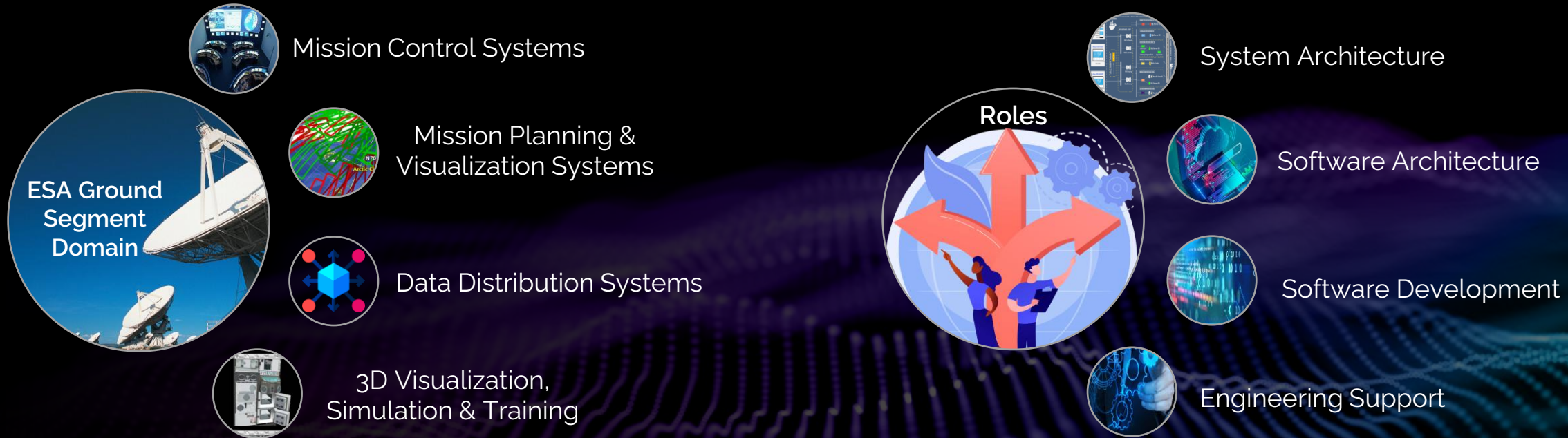
<https://youtu.be/ljmLsJ5qrjA>

<https://youtu.be/nyJaSogukBo>



ABOUT US

Alia Space Systems has been working in **space** since **2003**

**Customers:****Destination Earth**Funded by
the European Union

Implemented by



Today, a wide range of **open data** is available from various providers...



SATELLITE



GIS



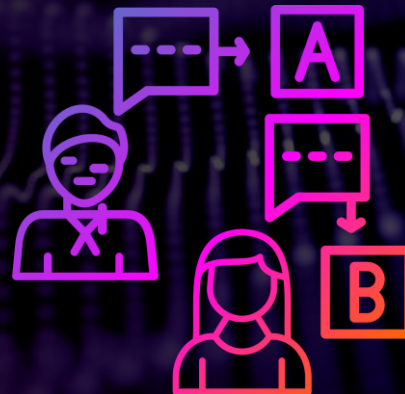
STATISTICAL



CLIMATE



IOT



DEA is a **service** that allows
to **tell stories**
using **data**

DEA is a **content** creation platform that allows users to **create interactive data stories** without writing a line of code



NO-CODE



USER-FRIENDLY

DEA enables **non-expert** users to **create** and **share** their engaging visualizations.



What can you
create
with **DEA?**

DEA allows to create **interactive** user stories **combining** data from different sources



EXPLORATION

Users can **explore datasets** hosted on the platform



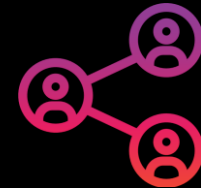
USER ASSETS

Users can **add their own data** to create a story



TEXT, IMAGES, PLOTS

Users **can add text, images, plots** to the story



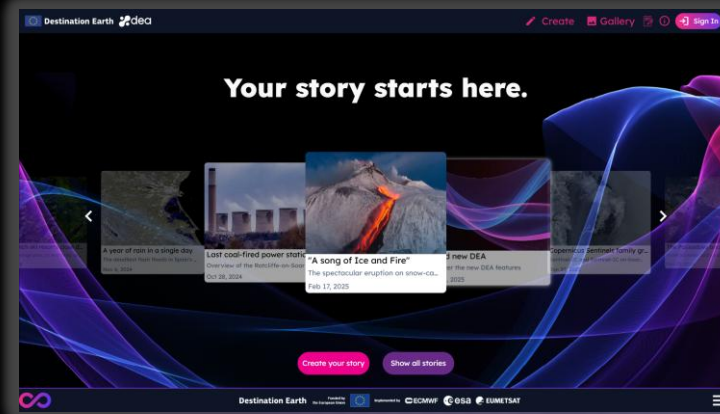
SHARING

Users **can share** their stories with the community

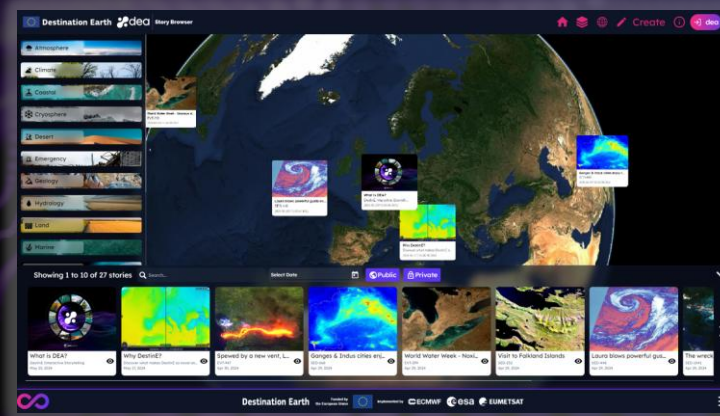


How can you
create stories?

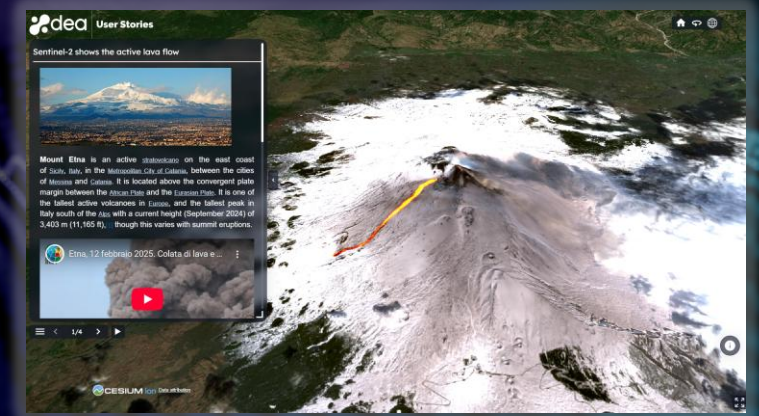
From the **DEA Landing Page** you can



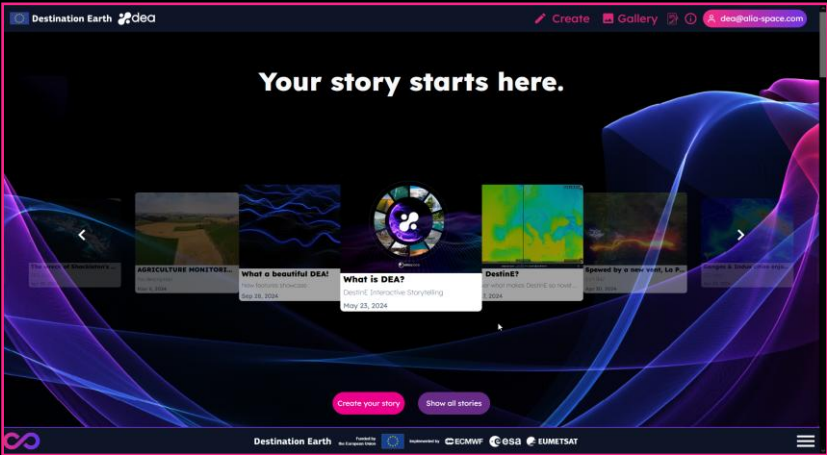
CREATE YOUR STORY WITH THE EDITOR



EXPLORE THE STORIES FROM THE GALLERY



VISUALIZE A STORY WITH THE VIEWER



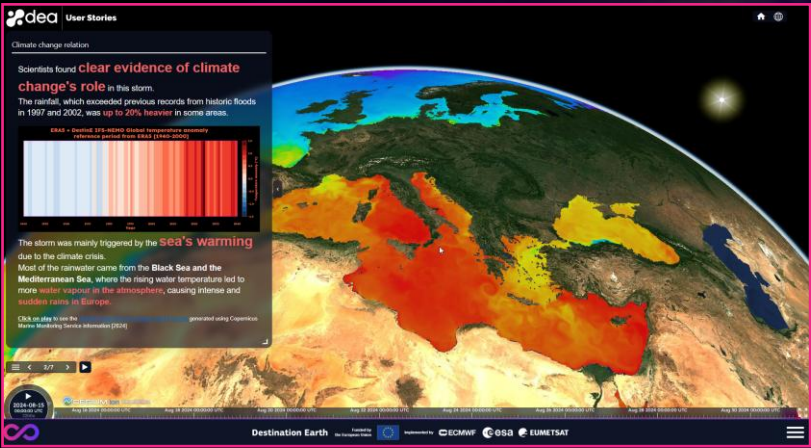
HOME



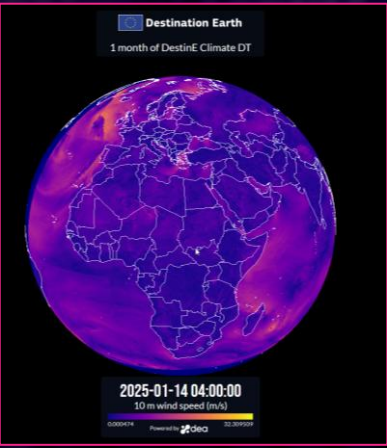
EDITOR



BROWSER



VIEWER

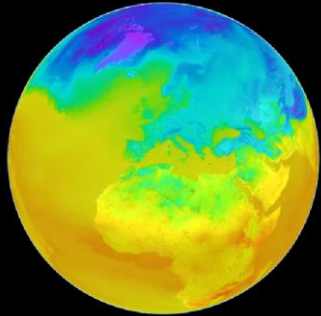


MINIDEA



MINIDEA STREAM

DEA supports different data formats



OGC WMS

(OPEN GEOSPATIAL
CONSORTIUM WEB MAP
SERVICE)

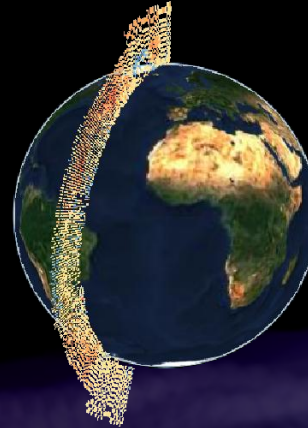


GLB

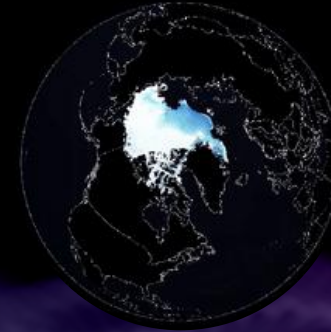
(GRAPHICS LIBRARY
TRANSMISSION
FORMAT BINARY)



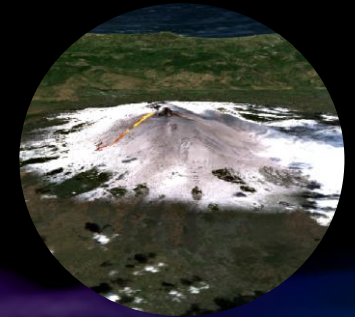
GEOJSON TOPOJSON



KML (KEYHOLE MARKUP LANGUAGE) CZML (CESIUM LANGUAGE)



MP4, WEBM, MOV



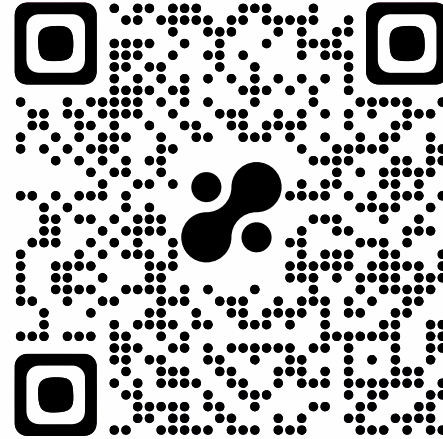
COG

(CLOUD OPTIMIZED
GEOTIFF)

COG SUPPORTED COMPRESSION FORMAT

CLOUD OPTIMIZED GEOTIFF	COMPRESSION	DESCRIPTION
	NONE	No compression. The data is stored as is, uncompressed.
	LZW	Lossless compression algorithm that reduces the file size by finding repeated patterns in the data.
	JPEG (Q75, Q95)	Lossy compression algorithm commonly used for images. High compression ratios but loss of image quality.
	DEFLATE	Lossless compression algorithm used in ZIP and PNG. It compresses data by finding and replacing repeating patterns.

Create your story!



<https://dea.destine.eu>

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